

JENNIFER M. GRANHOLM GOVERNOR

STATE OF MICHIGAN DEPARTMENT OF LABOR & ECONOMIC GROWTH LANSING

Keith W. Cooley DIRECTOR

May 1, 2007

M-08-12

TO:

Members of the Board of Mechanical Rules

FROM:

Tennison B. Barry, Chief, Mechanical Division

SUBJECT:

Appeal Request for Examination

APPLICANT REPRESENTATIVE:

Craig Swanson, Jr.

PROJECT:

Not applicable.

AUTHORITY:

The Forbes Mechanical Contractors Act of 1984 as Amended, being Act 192 of the Michigan Compiled Laws.

REQUEST:

Requesting an appeal to sit for the Mechanical Contractors Licensing Examination.

APPLICABLE RULE:

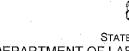
R 338.903a. Of the Board of Mechanical Rules License Examination Procedures

FINDINGS:

Mr. Swanson does not have experience as required by Act 192.

RECOMMENDATION:

Staff recommends denial



JENNIFER M. GRANHOLM GOVERNOR

STATE OF MICHIGAN DEPARTMENT OF LABOR & ECONOMIC GROWTH LANSING

KEITH W. COOLEY DIRECTOR

May 1, 2008

Mr. Craig J. Swanson, Jr. 3101 Baker Hwy. Olivet, MI 49076

Dear Mr. Swanson::

On May 14, 2008, the Board of Mechanical Rules will hear your appeal of the denial by staff for Mechanical Contractor License Examination.

If you would like input on this action, you should be present at the Okemos Office Building, 2501 Woodlake Circle, Okemos, Michigan at 9:00 a.m. in Conference Room 3.

The meeting site is accessible, including handicapped parking. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional accommodations in order to participate in the meeting should contact the Mechanical Division at 517/241-9325 at least (10) working days before the event.

If I can be of further assistance, you may contact me.

Sincerely,

Tennison B. Barry, Chief

Mechanical Division

TBB/cct

Providing for Michigan's Safety in the Built Environment

April 29, 2008

Bureau of Construction Codes P.O. Box 30255 Lansing, MI 48909 Attn: David A. Adams, Assistant Chief Mechanical Division DECEDVED

APR 30 2008

By

Dear, Mr. Adams,

I'm writing you today in response to the letter I received from you dated, April 14, 2008, requesting more information. I'm having a problem getting this information from Stafford-Smith, I would like to request acceptance to come to the next board meeting to present my documentation of work experience to you and your colleagues. I believe after speaking to me and seeing my documentation, you will grant me the chance to prove my self by taking the State Mechanical Test.

Thank you for your time, and I look forward to meeting with you!

Sincerely,___

Craig J Swanson Jr 3101 Baker Hwy Olivet, MI 49076 Craig Swanson 3101 Baker Hwy Olivet, MI 49076

Dear Mr. Swanson:

The Mechanical Division has received your application for Mechanical Contractor Licensing Examination. Upon review, it has been determined that the following information is required before you can be scheduled for examination:

Our records indicate that your application was signed by an individual who is a licensed mechanical contractor. However, it is not clear whether this person is your employer. Craig Swanson is not the contractor of record for Stafford-Smith. Please provide the following:

- < A letter on company letterhead with the notarized signature of the contractor of record
- < for the company.
- < The title of the company official.
- < A notarized statement showing the length and type of work that you performed.
- < A statement indicating who supervised your work during employment with the company.
- < The supervisor's mechanical license number.

If appropriate, return the required information along with this letter to: Michigan Department of Labor & Economic Growth, Bureau of Construction Codes, Mechanical Division, P.O. Box 30254, Lansing, Michigan 48909. If we do not receive a response within 15 days from the date of this letter, your application for examination will be denied in accordance with Rule 902(5) and (6).

If you have any questions regarding the information in this letter, please contact this office at 517/241-9325, preferably after 10:00 a.m. on weekdays.

Sincerely,

David A. Adams, Assistant Chief Mechanical Division

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		EMic⊦ Bure	n for Mechanical C nigan Department of au of Construction C P.O. Box 30255,	Labor Codes /	& E	conomic G chanical D	Growth	n		127
	MAR 0 3 20	ns D	517-2	41-932	5		Tran I Chk#:	nfo:127 2294	13734294-1 Amt: \$25.0	
Αp	plication Fee: \$25.00 (nonrefu	ndable)	www.micl	nigan.gov	v/bcc		101		MECHANICAL	
Çoı	thority: 1984 PA 192 mpletion: Mandatory nalty: License will not be issued	origin, cold	tment of Labor and Economic Gr or, marital status, disability, or poli ay make your needs known to thi	tical beliefs.	ot discr	iminate against a a need help with	any individual or gr reading, writing, he	oup because o earing, etc., und	of race, sex, religion der the Americans v	ı, age, national with Disabilities
• Co • Ap • P. • se • lav • he	tructions: omplete and sign application. Topplication must be received in the A. 236 of 1996, as amended, resection to include a social security we from obtaining a social security resocial security number under This information is confidential. Inclose a check made payable to all completed application and feature.	e Bureau equires ar number o y number these circ Disclosur the State	office not less than 20 applicant to include he applicant to include he an application does or to an applicant who umstances. The of confidential informer of Michigan.	nis or he not appl for relig	er so y to gious	cial security an applican s conviction	y number. H It who demor s is exempt u	owever, a strates he inder law	or she is exe	empt undei
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	plicant Information ME (Last, First, Middle) No Initials					71 -	DATE OF BIRTH	*		·
Sv	wanson Jr, Craig James						9-12-73			
1	DRESS		CITY	COUNTY			STATE		ZIP CODE	
	01 Baker Hwy		Olivet	Eator	1	<u> </u>	MI TELEPHONE N	JMBER (Includ	49076 e Area Code)	
Wo.	rk Classifications (Check work 1. Hydronic heating and cooling	and proc	ess piping.	e seekir	6. L	Inlimited he	ating service			
 (Means the application of equipment and systems which provide air conditioning by the controlled forced circulation of fluids or vapors in pipes.) 2. HVAC equipment. (Means the application of equipment and systems to provide air conditioning for occupants of buildings and structures. HVAC does not include the installation of portable self-contained refrigeration equipment and window type air conditioners of not more than 1 1/2 horsepower.) 				7. L (Mea	cerning therma imited refriques ans the servial ditioning equip	al capacity or gra geration and a cing of refriger oment and syst utilizing group of	ide of fuel oil air condition ation equipritems employ	systems without or type of fuel.) oning service. ment and system ying the refriger nts as listed in the	ms and air ration cycle	
3. Ductwork. (Means the air distribution arrangement for supply, return and exhaust in air conditioning systems and in non-air conditioning systems, the materials and methods of which are specified in the Michigan Mechanical Code. Ductwork				(Mea	ans the servi	cing of refriger	ation equipn ems employ	tioning service ment and system ring the refriger perant.)	ms and air	
includes flues, vents and chimneys.) 4. Refrigeration. (Means the use of equipment and systems including refrigeration piping, employing the refrigeration cycle to generate low temperatures for other than air condition equipment and systems. Refrigeration includes such equipment and systems as supermarket refrigeration, industrial refrigeration, the preservation of biological materials and food storage facilities. Refrigeration does not include the installation of portable self-contained units such as refrigerators, debumidifiers, and other similar equipment of not more than				(Mea supp of te will o	oression equipromperature rise discharge a fire Specialty Li ans a license	trated combinatement which as a complete of complete o	result of pred ombustion, fl ubstance ove within limit	re alarm system letermined temperame, or human er a fire area.) s established by low, for the insta	erature, rate intervention y the board	
Ì	preservation of biological materials and food storage facilities. Refrigeration does not include the installation of portable self-contained units such as refrigerators, dehumidifiers and other similar equipment of not more than 1.5 horsepower or other equipment exempted from the Michigan Mechanical Code.)				servi	icing of:) a. Solar. b. Solid fuel. c. LP tank an d. Undergrou e. Gas piping	d pipe. nd tank and pi		ew, for the History	areuv) du

Experience Record				·		
of work performed in detail to enable in and the length of time you perform Attach extra sheets if necessary.	the reviewer to co	rrectly evaluate you	r qualifications. Describe the record certify your dates of em	your present employer first. Describe the type work classifications you have had experience ployment and have their signatures notarized.		
EMPLOYER NAME			DATES EMPLOYED (Month / Day / Y	7,-0		
Stafford-Smith			FROM: 1/1/05	то: present		
ADDRESS			TYPE OF WORK PERFORMED	<u></u>		
3414 S Burdick		·	Residential	☑ Full-Time		
CITY	STATE	ZIP CODE	☑ Commercial	☐ Part-Time		
Kalamazoo	МІ	49076	☐ Industrial	Hours per week		
DESCRIPTION OF WORK PERFORMED (Included	le experience in specific	work classifications)				
Installation of Resturant Equi Duct Work, Refrigeration Line				-In Cooler/Freezers, Gas Pipping,		
	E	mployer Compl	ete The Following			
I hereby certify the applicant was in me the applicant's description of experier			Subscribed and sworn before m	ie, this 28 May of Fab , 2008		
SIGNATURE OF CONTRACTOR OF RECORD	DATE		a Notary Public in and for	alamazoo County, Michigan.		
NAME OF CONTRACTOR OF RECORD (No Initial	(als)	28/08		Swan Kepler Sruse		
4THEFORD-Sports Fr	11	Statton				
LICENSE NUMBER	TELEPHÔNE NUMBER	R (Include Area Code)	My Commission expires:	SIGAN KEPLER GRUSELL 2008 Pary Public, Keberazoo Gounty, Mi		
7103280	269, 343.	1240	i di	Commission Expires 00/01/2008		
10300	V-1. 243.	7-10		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Experience Record						
of work performed in detail to enable in and the length of time you performe Attach extra sheets if necessary.	the reviewer to con	rectly evaluate you	r qualifications. Describe the ecord certify your dates of em	our present employer first. Describe the type work classifications you have had experience ployment and have their signatures notarized.		
EMPLOYER NAME			DATES EMPLOYED (Month / Day / Ye			
Swanson Commercial Food Equipment Service			FROM: 9., -92	TO: 12-31-04		
ADDRESS 117 N Main			TYPE OF WORK PERFORMED Residential	☑ Full-Time		
CITY	STATE 5	ZIP CODE	☑ Commercial	☐ Part-Time		
Nashville	MI	49073	☐ Industrial	Hours per week		
DESCRIPTION OF WORK PERFORMED (Include experience in specific work classifications)						
Installation and Repair of Commercial Food Equipment, Including: Hood Systems, Roof Top Equipment, Boiler Repalcement, Cooking Equipment, Refrigeration Equipment						
	E	mployer Comple	ete The Following			
I hereby certify the applicant was in my employ during the period stated and the application of experience on this application is accurate. Subscribed and sworn before me, this day of 7 and 200 8						
SIGNATURE OF CONTRACTOR OF RECORD DATE 2/28/68			a Notary Public in and for	County, Michigan. Swan Kepler Sucsell		
NAME OF CONTRACTOR OF RECORD (No Initia	als)		Signature of Notary Public	Susan Replex grusell		
Craig 5 Swa	noon)	٣/	My Commission expires:	6-1,2008		
LICENSE NUMBER	TELEPHONE NUMBER	(Include Area Code)				
313468 18	-			SUSANI KERI FR GRUSELL		
		-	ħI.	nteru Puhlic, Kalamazoo County, Mil		

Notary Public, Kalamazoo County, MI My Commission Expires 08/01/2008

Trade School
Have you attended a recognized trade school? ☐ Yes ☑ No
If yes and you are requesting credit, attach a copy of your official transcript and your original diploma or certificate of completion.
Examination Location
Examinations are given at the sites listed below. Refer to the enclosed "Mechanical Contractor Examination Schedule" for examination dates. Please check below the site you wish to be examined at and indicate a preference of examination date. If approved for examination, an admission card will be mailed to you approximately 10 days prior to the examination date. If the examination you have selected is full, you will be scheduled for the next available examination at your preferred site.
Preferred Date Discrete Preferred Date Preferred D
☐ Escanaba ☐ No Preference - Next Available Examination
If you have a learning disability, a psychological disability, or other hidden disability that requires an accommodation in testing, submit written documentation from an appropriate professional (education professional, doctor, psychologist, psychiatrist) to certify that your disabiling condition requires the requested test accommodation. Forms are available from this office.
Background Information
Have you been convicted a felony or misdemeanor? Yes No
If yes, complete the Conviction History section below. Failure to accurately respond to this question will result in you forfeiting any rights of consideration for examination and issuance of a mechanical contractor's license in the state of Michigan.
Conviction History In accordance with the Former Offenders Act, 1974 PA 381, this is to provide you with an opportunity to explain your affirmative response to the question above which asked if you had been convicted of a felony or misdemeanor.
If you are unsure of exact details, respond to the best of your knowledge. The information requested on this form is required under 1984 PA 192 and will be used to process your application. Attach additional sheet(s) if necessary. YOUR NAME WHEN CONVICTED
Craig J Swanson Jr
INDICATE CONVICTION(S) FOR WHICH YOU WERE CHARGED
DUI
DATE(S) OF CONVICTION(S) AND SENTENCE(S)
(1) Conv. 5.24-2001 / Sentences: 7-10-2001 (2) Cono: 8-13:01 / Sentences
10th District Court 161 E. Michigan Doe 48th District Gust 4280 Telegraph/Po Berr 3280
161 C. Michigan De 4280 Telegraph 10 Box 3200
Battle Creek MI 49014 Bloomfred Hills MI 48302 CHECK YES OR NO TO THE FOLLOWING
1. Are you a current inmate? Yes No
2. Are you currently on probation / parole? Yes No
3. If yes, provide the name, address and telephone number of the correctional facility, probation officer or parole officer.
RELEASE DATE FROM CUSTODY PROBATION OR PAROLE
REHABILITATION PROGRAMS ENPOLLED IN OR COMPLETED REHABILITATION PROGRAMS ENPOLLED IN OR COMPLETED
Comptole > Substance Abuse Program
Conviction History Certification and Signature (To be signed only if Conviction History section above is completed)
I hereby certify the statements and facts provided are true and accurate to the best of my knowledge. By signing this form, I give my permission to allow the Bureau of Construction Codes to contact appropriate agencies regarding my record of conviction(s). SIGNATURE
228-8
BCC-11 (Rev. 4/07) Page 2

Attach extra sheets if nece EMPLOYER NAME	ssary.		DATES EMPLOYED (Month / Day / Ye	ear)	
ENT EO LETT NAME	•		<u> </u>		
			FROM:	TO:	
ADDRESS			TYPE OF WORK PERFORMED	—	
			Residential	☐ Full-Time	•
CITY	STATE	ZIP CODE	☐ Commercial	☐ Part-Time	•
			☐ Industrial	Hours per v	veek
ESCRIPTION OF WORK PERFOR	RMED (Include experience in specifi	c work classifications)			
e de la companya della companya dell			•		
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		Employer Compl	lete The Following		
	t was in my employ during th			· .	
the applicant's description of experience on this application is accurate.		Subscribed and sworn before m	e, this day of	, 20	
SIGNATURE OF CONTRACTOR OF RECORD DATE		a Notary Public in and for		County, Michiga	
AME OF CONTRACTOR OF REC	ORD (No Initials)		Signature of Notary Public		
		My Commission expires:		20	
ICENSE NUMBER	TELEPHONE NUMBE	ER (Include Area Code)	wy Commission expires.	<u> </u>	
		*			
					
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	ure (MUST BE SIGNED				
			nd understand any falsification		n my forfeiting a
Ints of consideration for a	xamination and issuance of	a mechanical contr	actor's license in the state of M	lichigan.	
GNATUKE OF APPEICANT			DATE	2.28.08	
		•			



JENNIFER M. GRANHOLM GOVERNOR

STATE OF MICHIGAN DEPARTMENT OF LABOR & ECONOMIC GROWTH LANSING

Keith W. Cooley DIRECTOR

May 1, 2007

M-08-11

TO:

Members of the Board of Mechanical Rules

FROM:

Tennison B. Barry, Chief, Mechanical Division

SUBJECT:

Appeal Request for Examination

APPLICANT REPRESENTATIVE:

Robert Walker

PROJECT:

Not applicable.

AUTHORITY:

The Forbes Mechanical Contractors Act of 1984 as amended, being Act 192 of the Michigan Compiled Laws and the Former Offenders Act, 1974 PA 381 as amended, MCL 338.41 et seq; MSA 18.1208(1) et seq.

REQUEST:

Requesting an appeal to sit for the Mechanical Contractors Licensing Examination.

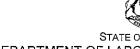
APPLICABLE RULE:

R 338.903(4). Of the Board of Mechanical Rules License Examination Procedures

FINDINGS:

RECOMMENDATION:

Staff has no recommendation.



JENNIFER M. GRANHOLM GOVERNOR

STATE OF MICHIGAN DEPARTMENT OF LABOR & ECONOMIC GROWTH LANSING

KEITH W. COOLEY DIRECTOR

April 30, 2008

Mr. Robert Walker 145 Grove Highland Park, MI 48203

Dear Mr. Walker:

On May 14, 2008, the Board of Mechanical Rules will hear your appeal of the denial for Mechanical Contractor License Examination pursuant to the Former Offenders Act, 1974 PA 381, as amended.

If you would like input on this action, you should be present at the Okemos Office Building, 2501 Woodlake Circle, Okemos, Michigan at 9:00 a.m. in Conference Room 3.

The meeting site is accessible, including handicapped parking. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional accommodations in order to participate in the meeting should contact the Mechanical Division at 517/241-9325 at least (10) working days before the event.

If I can be of further assistance, you may contact me.

Jennison B. Barre

Sincerely,

Tennison B. Barry, Chief

Mechanical Division

TBB/cct

DEGET VETT

Dear Mechanical Board

Trecieved your denial of my requestrate mechanical Licensed Examination Test, with Great disappointment I Felt but with even more respect I understand. We are responsible for not only equipment that can be dangerous To Life, but we are engaged in peoples and their familys safe zone, their home and Personal belongings. The moral Consuct act was in my operation to ensure that the people that are licensed to enter people homes and businesses ove Trust worthy, honest, respectful, safe, and Peaceful, Not the apposite. People expert professionals People To service their equipment, not harden criminals. I'm not one of thom

I made mistakes as Far back as I

remember of the age of 14 yrs oil regarding

The criminal system. I never was a Thief,

murderer, rapistion and violent crime. I did

sell drugs. A mistake I regret To this very

day. It wasn't for the money, but Just trying

To Kit in with the "Cock boys". I never was

the most popular guy. I eventually became a

uictim of the "Drug tome". I Battled will

the help of the Dept of Corrections and I have

been for the most part Felony free for 12 years.

	I have been making the necessary steps
	To ensure myself and family and friends and
	Community that I will not ever again destroy
	our country with Drugs For 12 Years I have
to the trade of the second sec	been a propertive member of society. I
the particular states and the second states are secondly a second state of the	have mointained Employment when pessible
	I Forthered my education. I became a God
	Feering Mon. I'm drug Free, Most of All I
	believe I show my community & Younger gen-
	aration) a positive image Now.
ma garan a sama a sa	I believe Integrity is the most important
	ingredient to sucess. I buildedon my integrity
et e e e e e e e e e e e e e e e e e e	with apportunities I had like being opening
	manager of McDonalds, where I was responsible
	For the cash, employees, stock, switching of grill
and the second s	Temps (From break fast To Lunch) For proper Food paper.
	aration and shift operation. I was also The head
	baker a Tim hertons, being verpousable For all
	The morning bake breds with no supervision of
	411.
	I Than believed in order To become The
	men I Knew I can be I envoiled in school,
	At First I thought I couldn't do it, but I
	At First I thought I couldn't do it, but I summoned up the account and became a 4.0
	GPA Student.

Upon graduation of school I moved To Altanta, by where I mainten Two Jobs while seeking a position in the heating } Looking Field, I Landed a Job at a company called " ENCOMPASS, a Commercial heating looling company, where I gained some experience, before I was terminated For distagrading company Policy. I moved back to michigan and gained Employment of Downriver comfort sales. my experience was tought there und very well Add. The Company went through changes ownership and new is known as "DL5". I'm no Louger Employed there becouse of inconsistency of work. I then worked with companies like Applied Comfort, wk, and J&B when need basis, but I state wice still was Furthering my experience (Also I Appealing this denial because I believe you have made a mistake. I have been in some of the most highend homes through out way ne wad oakland county, with No complaints about my professional Intergity. I have worked on some of the high end heating 3 cooking Equipment. I Never been convicted of a violent crime. I never was a BAD reflection on None of the Companies I worker For.

·	I believe if you give me a chance I
and a product of the control of the	will make the state of michigan a prood
ngarangapangapangapangapangapangapangapa	state To know that Robert Fitzgerald walker
	is a changed men. I will not Let you
	Down. I will upholo The Cope. I will
	Treat people as people trusting in this state
	government. I will Teach & Train my employees
	in 4 strickly Professional manner. No Drug
	use. I will not waver From doing right.
	I will be fair. I will be SAFE. I will
	be honest. I will be nice. I will not lie,
	I will Further and stay equented in my Field.
	I will Follow state & Feberal Laws regarding
	The safty Act, mechanical Act, and building cole.
	I will do what is requested of me by
	my code officials. Thank you For being open
	To my request, hope To hear Good news 5000
	Downer ver Compart sales (constanting for DTE, How Known as Consumers energy)
	Taylor, mi
	corey Ivey WK heating & Looking
	Applied Coinfert me Dunalds
	7 mile b wood
	Ja B state wide Former cover Robert chappel
	Tim horfons

STATE OF MICHIGAN DEPARTMENT OF LABOR & ECONOMIC GROWTH BUREAU OF CONSTRUCTION CODES

In The Matter Of:

Mr. Robert F. Walker 145 Grove Highland Park, Michigan 48203

NOTICE OF DENIAL OF AN APPLICATION FOR MECHANICAL CONTRACTOR'S EXAMINATION/LICENSE

NOTICE is herewith given that the Michigan Department of Labor & Economic Growth, (hereafter "Department"), Bureau of Construction Codes, pursuant to the Act relating to Former Offenders, 1974 PA 381, as amended, MCL 338.41 et seq; MSA 18.1208(1) et seq (hereafter the Act), has determined that the Applicant is unqualified for the examination or license for the mechanical contractor requested for lack of good moral character within the meaning of the Act. Accordingly, the APPLICATION FOR EXAMINATION/LICENSURE OF MECHANICAL CONTRACTOR IS HEREBY DENIED. The basis for this decision is as follows:

- Certified copies of the complaint from Grant County Superior Court, Marion,
 Indiana, Cause No. 27D02-9203-CF-13 establish that Applicant plead guilty to
 one count Felony, Dealing in Cocaine, IC35.48-4-1 on September 11, 1992.

 He was sentenced to 10 years prison 6 years suspended, 6 years probation
 and \$113 costs.
- 2. Certified copies of the complaint from 3rd Circuit Court, Detroit, Michigan, docket No. 96-1315 establish that Applicant plead guilty to one count Felony,

Possession of Cocaine < 25 grams, MCL 333.74032aV on March 19, 1996. He was fined \$240.00 and placed on probation for 2 years.

3. Certified copies of the complaint from 30th District Court, Highland Park, Michigan, docket No. 0600741CMestablish that Applicant plead guilty to one count misdemeanor, Disorderly, Ordinance #666.05G on November 1, 2006. He was fined \$414.00, and placed on probation for 6 months.

YOU ARE HEREBY NOTIFIED that in the event you have relevant evidence of qualification not previously considered by the Department, you may, within thirty (30) days of the date of mailing of this "NOTICE OF DENIAL", file a written appeal with the Department setting forth those reasons why the examination/license should be granted. Said appeal may rebut the evidence set forth in paragraph(s) No. 1 to 3 above by showing that at the current time the applicant has the ability to, and is likely to, serve the public in a fair, honest, and open manner, that the applicant has been rehabilitated, or that the substance(s) of the former offense(s) is/are not reasonably related to the practice of the mechanical contractor. Said appeal may be accompanied by a brief summary of the incident(s) which led to the conviction(s) and the factors surrounding the incident(s); business/personal references; a report from the applicant's rehabilitation specialist, if any, indicating the possibility of similar future incidents; a current report from the applicant's parole/probation officer, if pertinent; etc.

IF SUCH AN APPEAL IS TIMELY FILED, the Bureau of Construction Codes will consider the application in view of the reasons set forth in the appeal.

IT IS IMPORTANT THAT THE PETITION COMPLETELY DETAIL THE REASONS WHY THE APPLICANT SHOULD BE GRANTED AN EXAMINATION/LICENSE FOR MECHANICAL CONTRACTOR.

YOU MAY WISH TO APPEAR BEFORE THE BOARD WHEN YOUR APPEAL IS CONSIDERED. YOU MAY ALSO, AT YOUR OWN EXPENSE, BE REPRESENTED BY COUNSEL AT THE APPEAL.

UPON COMPLETION OF THE BOARD'S REVIEW, THE APPLICANT SHALL BE NOTIFIED OF THE DECISION IN WRITING.

The instant denial of an examination or license for lack of good moral character shall not operate as a bar to denial of said application for other reasons if it should be subsequently determined that the applicant is otherwise unqualified. YOU ARE HEREBY NOTIFIED that in the event the Department determines that the applicant is unqualified for reasons other than lack of good moral character, the applicant will be notified by way of separate and different NOTICE OF DENIAL.

y: / MeMalan Tennison B. Barry (

Mechanical Division

DATED: 3-26-08

Written Appeal to the Board Should be Addressed To:

Department of Labor & Economic Growth Bureau of Construction Codes Mechanical Division P.O. Box 30254 Lansing, Michigan 48909

Michigan Bureau of Construction Codes Application for Construction Code Appeal

Statement of Facts and Reasoning

The Melting Pot Restaurants Inc.

Application / Section 1

We are seeking a relief from MMC 2003 sec. 507. The Melting Pot's position through out our 33 year history has been that our operation and cooking procedures do not produce sufficient grease laden vapors, heat or moisture to make the code applicable.

We have never been required to install hoods nor has such a requirement stopped the development of any location. We currently operate 130 locations in 35 states to include Michigan locations in Grand Rapids, Novi and Troy. We safely serve over 575,000 guests nationwide monthly and are proud of our 33 year reputation for excellence in service, safety and overall operations.

Concept Description / Section 2

The Melting Pot is a fondue restaurant. We offer a four course fondue dining experience.

First Course: Cheese fondue,

Second Course: Salad

Third Course: Entrée fondue, Fourth Course: Chocolate fondue,

Our complete menu has been included in section 2 of the binder.

Cooking Process Explanation / Section 3

Double Boiler

Our double boiler is made up of our signature pot with one inch of water with a stainless steel bowl to hold the product.

Cheese Fondue

The cheese is melted in the bowl of the double boiler at the table and held warm for dipping. During the melting process some steam is generated (approximately 5 min.), however no steam is produced during warm holding (average 10 to 15 min.)

Chocolate Fondue

The chocolate is prepared in the kitchen in a steam table (no hood required) then brought to the table and held warm for dipping. No steam during warm holding

Entrée Fondue

The traditional style of fondue cooking is in oil known as bourguignon. In addition we offer seasoned and flavored water based vegetable broth cooking styles. Vegetable broth is by far our most popular cooking style, chosen over 70% of the time by our guests. Bite size pieces of proteins are skewered and cooked in our signature pot on the table by our guests.

You could compare this with a small pot of water on your stove at home. The entrée portion of the meal varies in time from 15 to 30 min.

Photos of the cooking process are included in section 3 the binder.

Cook Top Equipment / Section 4

We use two types of cook tops

1. Conventional glass top hot plate

2. Induction cook top using Electro Magnetic Energy

Specification sheets and induction technology explanation are included in section 3 of the binder.

Air Quality Testing / Section 5

Comprehensive Emissions Test Report

Pace Analytical Services performed this test in 2002 at the request of The City of Irvine, CA. The test specifically evaluates fondue cooking in canola oil. EPA method 202 was specified as the guidelines for the procedure. The results show an average concentration of condensable organics of 1.4mg/scm far below the 5.0 mg/scm limit set by the City of Irvine.

Air Quality Assessment Report

STS Consultants conducted this particulate air sampling survey as part of the emissions test noted above by Pace. STS compares the test results with indoor air quality guidelines and standards set by OSHA, NIOSH, EPA, Boca Code and NFPA.

NFPA-96 2004-4.1.1.2 Revised to include a 5.0 mg/scm threshold below which hoods are not required. This revision occurred after the STS test result survey in 2002. The complete reports are included in section 4 of the binder.

HVAC System Design / Section 6

Our primary mechanical engineer for new projects Mark E. Awmiller, P.E. Principal Mechanical Engineering Solutions, Inc. has written an overview of our typical HVAC system. The overview explains the system design and how it accounts for our cooking process.

Heat and Moisture Test Results / Section 7

The Melting Pot Restaurants Inc has recently contracted Pure Air Control Services Inc. to perform a "Building Health Check TM" to include the following:

Areobiology (Air-O-Cells)

Bio-Scan Surface Microscopy (Slides)

Particle Scan

Temperature and Relative Humidity Datalogging Analysis

Bacteria/Fungi (Bulk or Swab)

AHU Hygiene Assessment (Ductwork and Supply)

This series of tests are being performed in our Grand Rapids location 4/24-27/2008. The results of the testing will be available shortly after submission of our application and will be added to the binder at that time. We felt due to the nature of the code variance requested and having never been in this position it was prudent to gather some data to support our position and help you better understand what is really happening in one of our Michigan locations.

Application for Construction Code Appeal Michigan Department of Labor & Economic Growth Bureau of Construction Codes

P.O. Box 30255, Lansing, MI 48909 Agency Use Only 517-241-9328 www.michigan.gov/bcc The Department of Labor and Economic Growth will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, disability, or political beliefs. If you need help with reading, writing, hearing, etc., under the Americans with Disabilities Act, you may make your needs known to this agency. Application Fee: \$500.00 1972 PA 230 Authority: Completion: Voluntary Penalty; Appeal W Appeal will not be heard Note: The applicant is responsible for all fees applicable to this application. FACILITY INFORMATION FACILITY NAME 309 South Main Street The Melting Pot Restaurant COUNTY NAME OF CITY, VILLAGE OR TOWNSHIP IN WHICH FACILITY IS LOCATED Washtenaw Of: Ann Arbor ☐ Township 🛛 City BUILDING DATA GROSS FLOOR AREA Repair ✓ Alteration Addition New Building CLASSIFICATION PER BUILDING CODE 5133 sf No. of Floors 257 Area/Floor, IIIB No. of Occupants Construction Type Building Use, TELEPHONE NUMBER (Include Area Code) PERMIT HOLDER MAME (Company or Individual (616) 285-8100 Randy Vanderhoff Rockford Construction FAX NUMBER (Include Area Code) ZIP CODE CITY (616) 285-8001 49512 MI Grand Rapids 5540 Glenwood Hill Pkwy. CONTACT PERSON TELEPHONE NUMBER (Include Area Code) BUILDING OWNER NAME (Company or Individual) (734) 645-7474 Andrei C Gulvezan 309 S Main LLC FAX NUMBER (Include Area Code) ZIP CODE STATE ADDRESS (734) 741-1444 49512 MI-Ann Arbor 207 S Main BUILDING PERMIT AUTHORITY TELEPHONE NUMBER (include Area Code) NAME OF BUILDING OFFICIAL ENFORCING AGENCY (734) 994-2674 Vern Pappas City of Ann Arbor Mechanical FAX NUMBER (Include Area Code) ZIP GODE CITY ADDRESS (734) 994-8460 48104 Ann Arbor 100 N 5th Ave SUMMARY OF APPEAL CODE UNDER WHICH APPEAL IS SOUGHT Piumbing (99) ✓ Mechanical (131) Electrical (116) Building (141) Provide copies of the following as appropriate (see CODE SECTION(S) instructions for number of copies): MMC 507 Statement of Facts and Reasoning DESIRED RELIEF (State Briefly) MMC 507.2 Type I or Type II hood shall be installed above all Copy of Enforcing Agency Determination commercial cooking appliances. Supporting Material BASIS OF APPEAL (State Briefly) We will show the board that fondue cooking will not produce sufficient Copy of Decision of Local Board of Appeals levels of heat, smoke, grease, or moisture for hoods to be required. In ☑ Transcript of Local Board of Appeals Hearing addition our HVAC system is designed accordingly. APPLICANT (Note: All correspondence will be sent to this address) SOCIAL SECURITY NUMBER* OR FEIN (REQUIRED) 59-2489974 Jay Walden The Melting Pot Restaurants Inc. TELEPHONE NUMBER (Include Area Code) ZIP CODE STATE CITY (813) 425-6220 33614 FL Tampa 8810 Twin Lakes Blvd FAX NUMBER (Include Area Code)

*This information is confidential, Disclosure of confidential information is protected by the Federal Privacy Act.

APPLICANT SIGNATURE (Must be an original signature)

:-972 (Rev. 12/06) Froni

(813) 367-0081



CITY OF ANN ARBOR, MICHIGAN

Community Services Area
Planning & Development Services Unit
100 North Fifth Avenue, P.O. Box 8647, Ann Arbor, Michigan 48107-8647
Phone: (734) 994-2674
Fax: (734) 994-2798

www.a2gov.org

Building Board of Appeals STAFF REPORT

February 29, 2008

City of Ann Arbor Building Board of Appeals 100 N. Fifth Ave Ann Arbor MI 48104

Subject: BBA

BBA 08-B-009, 309 S. Main St., Tax ID 09-09-29-130-009

Dear Board Members:

Jay Walden, tenant for this property, is requesting a variance from Section 507 of the 2003 Michigan Mechanical Code.

Description:

The subject property is located at 309 S. Main St.

The applicant is requesting a variance from Section 507 of the 2003 Michigan Mechanical Code requiring commercial kitchen hoods. The code states:

Section 507.1 "Commercial kitchen exhaust hoods shall comply with the requirements of this section and NFPA 96-2001, as listed in chapter 16. Hoods shall be type I or type II and shall be designed to capture and confine cooking vapors and residues."

Section 507.2 " A Type I or Type II hood shall be installed at or above all commercial cooking appliances in accordance with Sections 507.2.1 and 507.2.2. Where any cooking appliance under a single hood requires a Type I hood, a Type I hood shall be installed. Where a Type II hood is required, a Type I or Type II hood shall be installed."

Section 507.2.1 "Type I hoods shall be installed where cooking appliances produce grease or smoke, such as occurs with griddles, fryers, broilers, ovens, ranges and wok ranges."

Section 507.2.2 "Type II hoods shall be installed where cooking or dishwashing appliances produce heat or steam and do not produce grease or smoke, such as steamers, kettles, pasta cookers, dishwashing machines, and ovens."

Discussion:

The City has a letter on file that The Melting Pot has agreed not to use the oil method of cooking at this facility. Therefore, the attached information regarding air quality is not applicable. We are addressing this Appeal on a steam and heat only basis which is covered in Section 507.2.2, MMC 2003.

The applicant is proposing to provide two cooking pots at each table. These pots will contain broth and water which will be used by the patrons to cook their meat and/or vegatables. The code requires a Type II hood be installed at each table. There are no exceptions in the code which would eliminate this requirement.

Standards for Approval:

The Building Board of Appeals has the power granted by the 2003 Michigan Mechanical Code to grant a variance to the Building Code. The Board shall have no authority to waive requirements of this code.

An application for an appeal needs to be based on a claim that:

- a. The true intent of the Code has been correctly interpreted.

 Section 507 of the 2003 Michigan Mechanical Code requires a Type II hood in this application.
- b. The provisions of the code do not fully apply, (or)
 The provisions of the code do apply
- An equal or better form of construction is to be used.
 Petitioner has not proposed an equal or better form of construction.

Recommendation:

Staff is not in favor of this request. Per the code we would require that a Type II hood be installed at every location to remove heat and steam, including providing the required exhaust and make up air.

Respectfully submitted,

Anthony Savoni Building Official

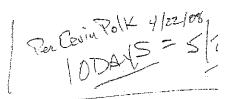
BBA 08-B-009



Community Services Area

Mr. Jay Walden The Melting Pot Restaurants, Inc. 8810 Twin Lakes Boulevard Tampa, FL 33614

APR 18 2008



CITY OF ANN ARBOR, MICHIGAN

100 North Fifth Avenue, P.O. Box 8647, Ann Arbor, Michigan 48107-8647 http://www.a2gov.org

> Administration (734) 994-2704 Community Development Services (734) 522-9025 Parks & Recreation Services (734) 994-2780 Planning & Development Services (734) 994-2674

> > April 14, 2008

Re:

309 South Main Street

Appeal:

2008-B-009

Assessor's Code: 09-09-29-130-009

Dear Mr. Walden:

The Building Board of Appeals met on Wednesday, March 12, 2008 to hear your appeal for a variance - Appeal No. 2008-B-009 seeking relief from the requirements of the 2003 Michigan Building Code.

Description and Petitioner Presentation

You requested the following variance from Section 507 of the 2003 Michigan Mechanical Code requiring commercial kitchen hoods. The code states:

Section 507.1 "Commercial kitchen exhaust hoods shall comply with the requirements of this section and NFPA 96-2001, as listed in chapter 16. Hoods shall be type I or type II and shall be designed to capture and confine cooking vapors and residues."

Section 507.2 "A Type I or Type II hood shall be installed at or above all commercial cooking appliances in accordance with Sections 507.2.1 and 507.2.2.

Where any cooking appliance under a single hood requires a Type I hood, a Type I hood shall be installed. Where a Type II hood is required, a Type I or Type II hood shall be installed."

Section 507.2.1 "Type I hoods shall be installed where cooking appliances produce grease or smoke, such as occurs with griddles, fryers, broilers, ovens, ranges and wok ranges."

Section 507.2.2 "Type II hoods shall be installed where cooking or dishwashing appliances produce heat or steam and do not produce grease or smoke, such as steamers, kettles, pasta cookers, dishwashing machines, and ovens.

You stated the following: On behalf of "The Melting Pot," Jay Walden, owner, was present to speak on behalf of the appeal. I am the CEO of construction and design for "The Melting Pot" restaurant chain. He explained that they have 130 restaurants across the country and the concept is fondue. The question is whether or not 'hoods' would be required over each table for the cooking process. He stated that this was not an uncommon question for them and they have addressed it elsewhere many times. He stated that they had provided analytical air quality studies which show that they are below the threshold that would trigger the need for those hoods in NFPA 96 (4.11.2), which is 5 milligrams per cubic meter. Anything below that does not require a hood. Their average in the analytical data is 4.1 milligrams per cubic meter.

Recommendation: (Staff Stated the following)

A. Savoni (Building Official) - The City has a letter on file that The Melting Pot has agreed not to use the oil method of cooking at this facility. Therefore, the attached information regarding air quality is not applicable. We are addressing this Appeal on a steam and heat only basis which is covered in Section 507.2.2, MMC 2003.

The applicant is proposing to provide two cooking pots at each table. These pots will contain broth and water which will be used by the patrons to cook their meat and/or vegetables. The code requires a Type II hood be installed at each table. There are no exceptions in the code which would eliminate this requirement.

Mr. Vern Pappas - Mechanical Inspector for the city of Ann Arbor was present to speak regarding the appeal. He stated that he has previously spoken to the petitioner on a number of occasions regarding this project. The standard that the petitioner is using (NFPA 96 – 4.11.2) – that section didn't come into effect until the 2004 'version' was presented for use, and this is a 'tentative interim amendment;' which means that the entire committee has not yet voted on this and that it can be repealed once the committee conducts that vote at the end of 2008.

The code that we are currently under is the approved 2003 Mechanical Code. This is what the project was reviewed on and the section he quotes does not apply. It is not included in the current code for use. The NFPA Mechanical Code states that anything that is in 'conflict' with the Michigan Mechanical Code – the Michigan Mechanical Code will apply. In this case, there is a conflict. I also asked the petitioner to contact the State of Michigan to get approval for the product. I also spoke with the State of Michigan, Mechanical Division, and the petitioner submitted the same information to them. I spoke to the Director at the state this morning, and he said "based on the information provided, he could not accept it or grant him a variance, unless they go for a 'product approval.'" The Code states that "any cooking operation (including the preparation of food), must be exhausted to the outdoors through a Type 1 or Type 2 hood, depending on grease vapor or heat/steam."

We could possibly accept an alternate method for removal of the heat and steam if we could be satisfied that there is no grease vapor from the broth (since they're still 'cooking' the meat, i.e., steak, chicken, pork and fish) you're still producing grease vapor in that steam. The state is still undecided on this as well. If it were only steam, and they had a method to extract that effluent so as not to create any problems with the structure (moisture in buildings creates habitat for mold growth and can deteriorate the structure itself.) This is not a single-story building, and can affect others as well. We have not been presented with any alternate method of extracting that heat and steam without the use of a hood. We recommend that at a minimum, they install a Type 2 hood over each table to eliminate vapor. If there are grease vapors in the cooking process, at least the Type 2 hood could be cleaned to eliminate that. I did recently visit one of their other restaurants. You can't actually see if there is residue on their ceilings, as that is painted black and we visited the restaurant at night.

It's also evident that the 'air quality study' they submitted does not address long term effects (this is a 39 hour study). They have given us a letter that they will not use oil and only the broth method of cooking. If they can present a way to exhaust/remove the heat and moisture that would satisfy the Mechanical Code, we would be happy to look at that. At this time, the Code only gives us one option.

The Board has asked me to notify you of the disposition of that appeal, which was as follows:

MOTION

Moved by P. Darling, Seconded by S. Callan, "In the matter of Appeal Number 2008-B-009, 309 South Main Street to allow the use of this piece of cooking equipment without the need of an exhaust hood."

On a Voice Vote - MOTION FAILED - UNANIMOUS (Variance Denied)

NOTE: IF the state disapproves his appeal for product approval, the Board would consider revaluation of the system at the April or May 2008 Regular Session without an additional fee to the petitioner.

Very truly yours,

Brenda Acquaviva

Building Board of Appeals

994-2696



REGULAR SESSION OF THE BUILDING BOARD OF APPEALS OF THE CITY OF ANN ARBOR – MARCH 12, 2008 – 1:30 P.M., 100 N. FIFTH AVE., ANN ARBOR, MI 48104 - SECOND FLOOR - COUNCIL CHAMBERS

MEETING CALLED TO ORDER

ROLL CALL

- A. APPROVAL OF AGENDA
- B. <u>APPROVAL OF MINUTES</u>
 - B-1 Draft Minutes of the Regular Session of February 13, 2008.
- C. APPEALS & ACTION
 - C-1 2008-B-007 3333 Edgewood Drive

James Amrine & Constance Colthorp, owners of this property, are requesting a variance from Sections R305.1 of the 2003 Michigan Building Code.

The applicants are requesting a variance from Section R305.1 of the MRC that requires a 6 foot 0 inch ceiling height in a basement with habitable space, and allows beams/girders not less than 4 feet on center to project below a maximum of 6 inches.

C-2 <u>2008-B-008 – 1595 Meadowside Drive</u>

Craig Nader of Nader Carpentry, contractor for this property, is requesting a variance from Section R310.1 of the 2003 Michigan Residential Code.

The applicant is requesting a variance from Section R310.1 of the MRC that states: "Basements with habitable space shall have at least one openable emergency escape and rescue opening. Where emergency escape and rescue openings are required, they shall have a sill height of not more than 44 inches above the floor."

C-3 2008-B-009 - 309 South Main Street

Jay Walden, tenant of this property, is requesting a variance from Section 507 of the 2003 Michigan Mechanical Code.

The applicant is requesting a variance from Section 507 of the 2003 MMC requiring commercial kitchen hoods. (Sections 507.1, 507.2, 507.2.1 and 507.2.2)

C-4 2008-B-010 - 1127 Clair Circle

Robert Martin, contractor for this property, is requesting a variance from Sections R305.1 of the 2003 Michgian Residential Code.

The applicant is requesting a variance from Section R305.1 of the 2003 MRC that requires a 7 foot 0 inch ceiling height in a basement with habitable space and allows beams/girders not less than 4 feet on center to project below a maximum of 6 inches.

- D. OLD BUSINESS
 - D-1 800 North Main Street (2007-DBSC-001)

Final Show Cause Hearing

D-2 309 North Seventh Street (2007-DBSC-002)

Update - Letter and report of required inspections

- E. <u>NEW BUSINESS</u>
- F. REPORTS & COMMUNICATIONS
- G. AUDIENCE PARTICIPATION GENERAL

<u>ADJOURNMENT</u>

Persons with disabilities are encouraged to participate. Accommodations, including sign language interpreters, may be arranged by contacting Planning Development Services by telephone at 994-2675 or by written request addressed to Planning Development Services C/O Board of Appeals, 100 N. Fifth Ave., Ann Arbor, MI 48104, at least 24 hours in advance.

POSTED: 3/5/2008

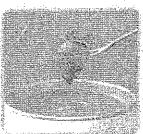
How Your Melting Pot Experience Works...

At The Melting Pot, we make fondue fun and easy! The complete fondue experience is best served in four courses. Enjoy our Big Night Out, which includes creations by our chef that are available for a limited time, or create your own four-course experience. Getting started is as easy as 1, 2, 3, 4!









Big Night Out

Caribbean Cheese Fondue

Gouda and Gran Queso cheeses blended with fresh garlic and sweet and spicy Peppadew peppers topped off with scallions and a zest of fresh lime.

Tropical Salad

Crisp romaine and field greens, fresh tomatoes, mangos and hearts of palm with a light creamy citrus dressing and a touch of coconut encrusted cashews.

Featured Entrée Selections

Fondue Feast*
Filet Mignon Medallion
Jerk Seasoned Sirloin
Vanilla Rum Chicken
Marinated Pork Tenderloin
Zesty Peppered Shrimp
Butternut Squash Ravioli
Fresh Vegetables
\$78 per couple

Fondue Fusion*
Lobster Tail
Filet Mignon Medallion
Jerk Seasoned Sirloin
Vanilla Rum Chicken
Marinated Pork Tenderloin
Zesty Peppered Shrimp
Butternut Squash Ravioli
Fresh Vegetables
\$84 per couple

Lobster Indulgence*
Twin Lobster Tails
Jerk Seasoned Sirloin
Vanilla Rum Chicken
Marinated Pork Tenderloin
Zesty Peppered Shrimp
Butternut Squash Ravioli
Fresh Vegetables
\$88 per couple

Bananas Foster Chocolate Fondue

Silky, white chocolate swirled with bananas, brown sugar and a dash of cinnamon, flambéed tableside. Feel free to substitute your favorite cheese fondue, salad or chocolate fondue for any of the above.

Entrée Cooking Styles

Choose one of the following to cook your entrée in tableside

Cog au Vin

Flavors of fresh herbs, mushrooms, garlic, spices and burgundy wine. \$5 per pot (Complimentary with Big Night Out) Court Bouillon

Homemade, seasoned vegetable broth

Bourguignonne

European-style fondue in cholesterol-free canola oil.

Mojo Style

Caribbean-seasoned bouillon
with distinctive flavors of
fresh garlic with a citrus flair!
\$5 per pot
(Complimentary with Big Night Out)

*Consuming raw or undercooked means, pourcy, searbod, shellish, or eggs may increase your risk of foodborne illness, especially it you have a medical condition.



Specialty Drinks

Yin & Yang: \$9

The perfect balance! Godiva White Chocolate Liqueur, Stoli Vanil vodka and ice cream topped with chocolate shavings.



Fondue in a glass! Godiva Chocolate Liqueur, Kahlúa, Baileys Irish Cream and creamy Milk Chocolate.

Strawberry Basil Lemonade \$8

Nothing like Mom used to make! Smirnoff Strawberry Twist vodka, fresh strawberries, basil and lemonade.

Big Apple Martini \$8

Bite into the big city with the big flavor of Stoli vodka infused with the flavor of sour apple.

Love Martini \$8

Love at first sip! Malibu rum, Peach Schnapps, cranberry juice and fresh strawberries.

Blackberry Margarita \$9 100% Agave, 110% delicious! 1800 Reposado Tequila with a hint of blackberries and fresh lime.

Pomegranate Cosmo 88

Sweet and seductive! SKYY Citrus vodka, PAMA Pomegranate Liqueur and cranberry juice.

Paradise Punch \$9

A taste of the tropics! Bacardi light rum and Myers's dark rum, Captain Morgan Spiced rum and Malibu rum with orange and pineapple juices.

Wines By The Glass

Blush & White Wines	
Chardonnay, Kendall-Jackson, "Vintner's Reserve",	
California, 2006	8
Chardonnay, Macrostie, "Wildcat Mountain Vineyard",	
Cameros, California, 2005	17
Chardonnay, Steele, "Steele Cuvée", California, 2006	12
Chardonnay, Unoaked, Tohu, Marlborough, NZ, 2006	5
Gewürztraminer, Fitz-Ritter Spätlese, Rheinpfalz,	
Germany, 2005	10
Pínot Grigio, Mezza Corona, Italy, 2006	7
Pinot Grigio, Santa Margherita, Italy, 2006	15
Riesling, Dr. Fischer, Ockfener Bockstein Spätlese,	
Mosel-Säar-Ruwer, Germany, 2005	12
Riesling, Jekel, Monterey, 2006	7
Riesling, Schmitt Sähne, Piesporter Michelsberg	
Spätlese, Germany, 2006	8
Sauvignon Blanc, Nobilo, New Zealand, 2007	9
White Blend, Sokol Blosser, Evolution, Oregon, NV	10
White Zinfandel, Beringer, California, 2006	5

Dad Minor

HEU AAHIE2	
Chianti, Banfi, Classico Reserva, Italy, 2004	(
Burgundy, Joseph Drouhin, Laforet, France, 2005	ξ
Cabernet Sauvignon, 14 Hands, California, 2005	
Cabernet Sauvignon, Artesa, Napa Valley,	
California, 2004	11
Cabernet Sauvignon, Trinchero Estates, California, 2005	8
Merlot, Rex Goliath, California, NV	7
Petite Sirah, Macchia, "Bodacious", California, 2005	10
Pinot Noir, Mirassou, California, 2006	8
Pinot Noir, Morgan, "Twelve Clones", California, 2006	14
Red Blend, Ridge, Cabernet Based, "Home Ranch",	
California, 2002	10
Red Blend, Menágé a Trois, California, 2006	8
Shiraz, McWilliam's, Hunter Valley, Australia, 2005 1	10
Shiraz, Torbreck, "Woodcutter's", Barossa Valley,	
Australia, 2006	12
Syrah, Clos Mimi, "Petite Rousse", Paso Robles, 2005	9
Zinfandel, 7 Deadly Zins, California, 2005	9
Zinfandel, Ridge, "Three Valleys", Sonoma, 2006 1	



Cheese Fondue

Each cheese fondue includes fresh breads, vegetables and apples for dipping. Please choose one cheese fondue per cooktop at your table. \$14 (serves 1-2) \$7 per additional person

Cheddar Cheese Fondue

Aged, medium-sharp Cheddar and Emmenthaler Swiss cheeses, lager beer, garlic and seasonings.

Fiesta Cheese Fondue

Cheddar cheese with the flavor of Mexican herbs, spices, jalapeño peppers and salsa. Served with crisp tortilla chips and made as spicy as you like.

Traditional Swiss Cheese Fondue

Grùyere and Emmenthaler Swiss cheeses, white wine, garlic, nutmeg, lemon and Kirschwasser.

Wisconsin Trio Cheese Fondue Fontina, Butterkäse and Buttermilk Bleu cheeses with white wine, scallions and a hint of sherry.

Spinach Artichoke Cheese Fondue Fontina and Butterkäse cheeses, spinach, artichoke hearts and garlic.

Featured Cheese Fondue Enjoy the seasonal cheese fondue showcased in our Big Night Out. Ask your server for pricing.



Salads

Enjoy one of our delicious salads each featuring one of The Melting Pot's homemade dressings. \$5 per person

Spinach Mushroom Salad

Fresh spinach, baby Portobello mushrooms, red onion, chopped bacon and Roma tomatoes with a warm Burgundy Shallot Vinaigrette.

House Salad

Crisp greens, Roma tomatoes, cucumbers, eggs and Emmenthaler Swiss cheese, served with our sweet and tangy House Dressing.

Featured Salad

Enjoy the seasonal salad showcased in our Big Night Out. Ask your server for pricing.

Caesar Salad

Crisp romaine lettuce, Caesar dressing, shredded Parmesan cheese, crisp croutons and an added touch of Parmesan encrusted pine nuts.

California Salad

Mixed baby salad greens, Roma tomatoes, walnuts and Gorgonzola cheese, with Raspberry Black Walnut Vinaigrette Dressing.



Entrées for Two

Designed to be shared by two... your three-course fondue experience includes: cheese fondue, salad and one of the following entrées.

Signature Selection* \$54 Filet mignon, shrimp, teriyaki-marinated sirloin, boneless breast of chicken

and fish fillet.

Pacific Rim* \$54
Teriyaki-marinated sirloin, white shrimp, marinated pork tenderloin, breast of duck, breast of chicken and potstickers.

Surf & Turf* \$75

Twin lobster tails, filet mignon medallions and Portobello mushrooms.

Individual Entrées

The French Quarter* \$19
Cajun-seasoned shrimp, filet mignon,
breast of chicken and Andouille sausage.

Seafood Trio* \$19 White shrimp, scallops and fish fillet.

Shrimp & Sirloin* \$20 White shrimp and teriyaki-marinated sirloin.

Featured Breast of Chicken* \$18 A marinated breast of chicken showcased in our featured Big Night Out.

Breast of Chicken* \$16

Land & Sea* \$22

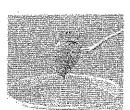
A collection of Balsamic-marinated sirloin, marinated breast of chicken and white shrimp.

The Vegetarian* \$16
Fresh vegetables, tofu, artichoke hearts,
Portobello mushrooms and spinach and
Gorgonzola ravioli.

Twin Lobster Tails* \$40

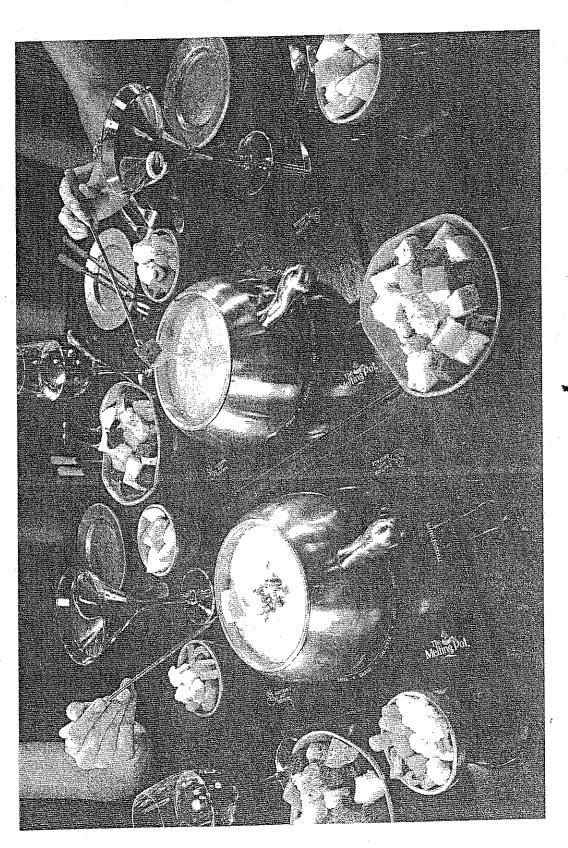
Teriyaki-Marinated Sirloin* \$18

Filet Mignon Medallions*6 oz. \$22

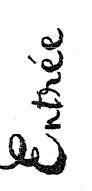


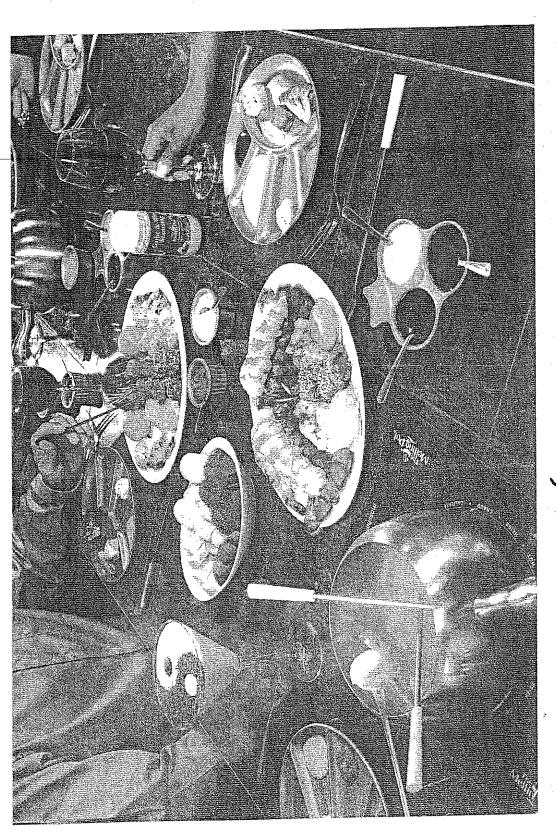
Chocolate Fondue Dessert

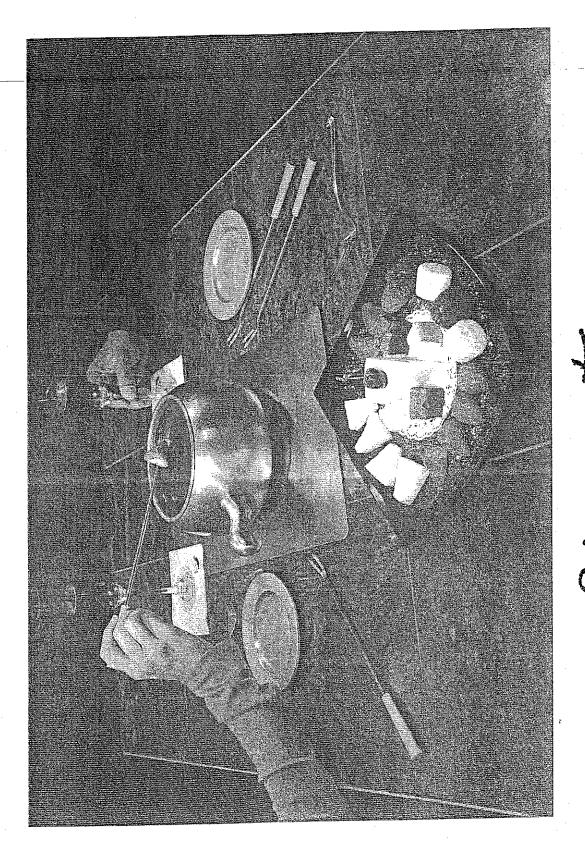
The perfect ending to this evening's culinary journey... our chocolate fondue desserts are so famous, they need their own menu! Your server will present our dessert menu to you.



Cheese Fordue







Checolate Fordue





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About Us : Induction Cooking

Products

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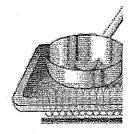
Site Mor

◆Back | Homë | Induction Cooking

Induction Cooking

Induction uses electromagnetic energy to heat cookware made of magnetic material (steel, iron, nickel or various alloys). When the unit is turned on, the coils produce a high frequency alternating magnetic field, which ultimately flows through the cookware. Molecules in the cookware move back and forth rapidly, causing the cookware to become hot and cook the food.

The cooktop's glass-ceramic surface is unaffected by the magnetic field since it contains no magnetic material. The cooktop will remain much cooler to the touch than other cooking surfaces (say, a regular electric or gas range) as it is only warmed from direct contact with the hot pan, not actively heated itself.



Efficien t Induction cooking is ex energy-efficient: 90% you spend on energy g you want it - in the par





PRODUCT: QTY:



ITEM #:





Standard Features:

- Drop-In countertop design with stainless steel edging, aluminum housing and control box, heavy duty electronic components, and high impact ceramic glass top designed for use in the commercial kitchen
- Adjustable rheostat control knob for ease of use and automatic power or temperature control
- SmartTemp™ Temperature allows for 22 precise temperature settings and 20 power cook settings
- Pan Maximizer feature achieves maximum heating of any induction compatible pan
- Microprocessor monitors vital components 120 times per second to check for overheating, power supply problems, and more. Cooktop shuts off and displays error codes enabling user to diagnose and fix minor problems
- LED display for precise user feedback
- Automatic pan detection allows for instant energy transmission to pan
- Automatic shut-off feature prohibits overheating
- Drop-In cooktops and control boxes manufactured and designed for easy installation
- Integral cooling fan keeps internal electronics cool
- One year limited warranty
- Made in the USA
- NSF and Entela Listed

Specifications:

Shall be a CookTek drop-in induction cooktop,

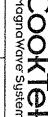
Model_____with a total kW rating of 1. Unit shall be
manufactured in the United States and constructed of an
aluminum housing and control box, with a high impact
ceramic glass top. Unit shall be equipped with a built-in
SmartTempTM microprocessor that performs precise
temperature control, auto shut-off to prevent over-heating,
self-diagnostics, and a pan maximizer feature that ensures
maximum heating of any induction compatible pan. Unit shall
have adjustable rheostat control with 20 power cook settings
and 22 precise temperature settings. Unit shall have LED
display located underneath the smooth top for precise user
feedback. Unit shall operate on 120 volts 9 amps.

CookTek

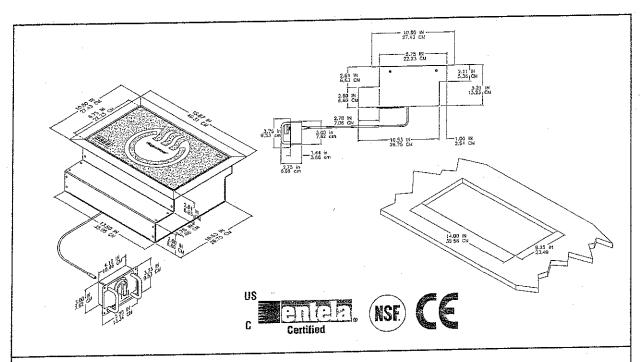
810 West Washington Blvd. Chicago, Illinois 60607 USA www.cooktek.com Tel: 1.312.563.9600 Fax: 1.312.432.6220 Toll Free: 1.888.COOKTEK (266-5835)

Toll Free Fax: 1.888.COOKFAX (266-5329)









SPECIFICATIONS

Model Number		MPD 1000
Power requirements		120V, 1PH
Power consumption		500W-1000W
Voltage		120V, 50/60Hz
Amperage		9 amps at 1,20V
Power range		500 - 1000W
Dimensions	(Inches)	12.54L x 15.87W x 5.21H
	(cm)	31.85L x 40.31W x 13.23H
Weight		16 lbs. / 7.3 kg
Packaged Weight		20lbs, lbs. / 9.1 kg
Packaged Dimensions	(Inches)	21.0L x 19.0W x 9.0H
, acting the control of	(cm)	52.70L x 47.60W x 22.90H
Cord length & Plug type		6 ft, NEMA 5-15P
Warranty		One year limited warranty against manufacturer defects
Cooling clearance		2" (5.1 cm) front, rear and sides
Goomie arrangina		9" (15.3 cm) bottom

Note: Many local codes exist, and it is the Owner and Installer's responsibility to comply with those codes. It's CookTek's policy to continually improve its products, and we reserve the right to change or improve our specifications without notification.

CookTek

810 West Washington Blvd. Chicago, Illinois 60607 USA www.cooktek.com Tel: 1.312.563.9600 Fax: 1.312.432.6220

Toll Free: 1.888.COOKTEK (266-5835)
Toll Free Fax: 1.888.COOKFAX (266-5329)



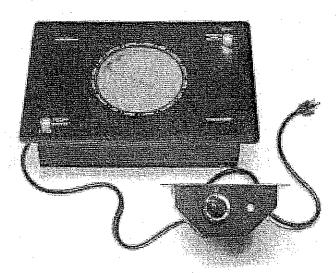


mosshaim

taking technology to task-

Item Number

The Commercial Series S MiniPRO Portable/Drop-In Stove Top CVM-51100B







Sanitation NSFI 4 - 1999

Limited One-Year Warranty:

The Mosshaim Innovations stove tops are fully warranted from date of shipment for one year to be free from defects in material or workmanship. Any stove tops found to be defective in material or workmanship may be sent back to the company at customer's expense for repair or replacement.

This warranty does not extend to any stove tops which have been subjected to misuse, abuse, accident, negligence, exposure to the elements or chemicals, alteration or unauthorized repair.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDED BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTIBILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT WILL THE COMPANY BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR LOSS.

This New, Powerful, Compact, **Portable/Drop-In Stove Top** is Perfect for Any Mobile or Remote Cooking Operation, Including Room Service Carts, Tables, Counters, Bars...

anywhere space is at a premium and a standard
 15 Amp outlet is available.

There is nothing like the Mosshaim *MiniPRO* on the market. It features a state-of-the-art 1000W infrared burner under a tough, durable and yet beautiful ceramic glass surface. And with its unique drop-in design, detachable 15 Amp cord set, and under-the-surface, snap-in, remote-mounted control box, the *MiniPRO* gives you total flexibility!

The *MiniPRO* heats up to 700° F in seconds and like all Mosshaim burners, it cooks with residual heat, thereby saving you money in energy costs when compared with other electric burner technologies.

Please note: The length of the cord from the control module to the outlet is six feet (photograph shown has been modified for aesthetic purposes).

mosshaim

taking technology to task-

Mosshaim Innovations, Inc. 772 Busch Court Columbus, OH 43229 phone 614.985.3000 toll-free 888.995.7775

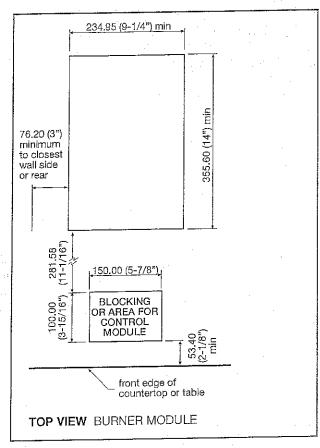
614.985.0703

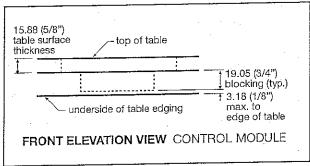
www.mosshaim.com

specification approval

FAX

The Commercial Series & MiniPRO Portable/Drop-In Stove Top CVM-51100B









Dimensions

Surface: 10.75" x 15.50" (273.05 mm x 393.70 mm)

Depth: 3.93" (100.00 mm)

Height Above Counter: Flush Mounted or .3125" (7.20 mm)

Burner Diameter: 6.50" (165.10 mm)

Remote Mounted Control:

4.00" x5.90" (101.60 mm x 150.00mm)

Control Module Mounting Options

Under Table Only

Shipping Weights

Unpacked: 13 lbs. (5.9 kg) Packed: 15 lbs. (6.8 kg)

Clearances

Consult the Installation Guide

Consult Local Building Codes For Ventilation Requirements Min. Clearance Above Stove Top Surface: 30" (762.00 mm) Min. Clearance Under Stove Top Housing: 3.50" (88.90 mm)

Utilities

15 Amp / 120 Voit Grounded Outlet

Bidding Specifications

- Counter-Top or Flush-Mounted One Piece Ceramic Glass Surface
- One 1000W Infrared Ribbon Burner/3500BTU
- Oscillating On-Off Burner Technology for Energy Savings
- Heated Diameter of Burner: 6.5" (165.10 mm)
- Cooking Surface Temperature Range: 80° F to over 700° F (29° C to 371° C)
- Two Residual Burner Heat Caution Lights on Ceramic Glass Surface
- Patented Heat Control Interior Design
- HOT Written in Four Languages Around Burner Circle
- Infinitely Variable Heat Control Dial on Remote Panel
- Power On Indicator Light on Remote Panel
- Recommended Cookware: ANY Flat-Bottomed Cookware Recommended For Stove Tops
- Quick Disconnect and Removal for Cleaning or Maintenance

Variations, accessories and options

CVM-51100BH Series S MiniPRO Hardwired version (no cord)

SJTO

15 Amp Removable Cordset 6'

CVC006

Mosshaim's Ceramic Glass Conditioner/7 oz (200 ml)

Helps keep the vitro ceramic glass surface looking like new.

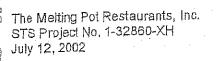
Special logo applications and housing designs have additional costs and are subject to UL and NSF testing.

Mosshaim Innovations, Inc.

772 Busch Court

Columbus, OH 43229

www.mosshaim.com





3.0 DISCUSSION

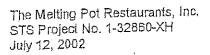
i	500 B) C C C C C C C C C C C C C C C C C C
	The American National Standard (ANS) is a national voluntary consensus standard developed under the auspices of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) The requirements given in ANS/ASHRAE 62-2001 Appendix B, Guidance for the Establishment of Air Quality Criteria for the Indoor Environment reference the American Conference of Governmental andustrial Hygienists (ACGIH) Threshold Limit Values (TLVs). The ACGIH TLVs are updated annually in 1961 of the constantly changing state of knowledge and they are to be used as guidelines or ecommendations to control potential health hazards. The dose of the contaminant of concern is expressed as an eight hour time-weighed average (TWA) concentration. Regulations of OSHA are also TWAS in most cases. The TLVs refer to airborne concentrations of substances and represent conditions ander which it is believed that nearly all workers may be repeatedly exposed day after day without diverse health effects. The 2001 ASHRAE standard states that:
a	or contaminants where standards or guidelines have not been established, it has been customary to sume as a first guide that a concentration of 1/10 TLV would not produce complaints in a non-industrial opulation in residential, office, school, or other similar environments."
for a or product of the product of t	SHRAE 62-2001 (Tables B1 through B4) does not specifically address the contaminants associated with ood and cooking emissions, therefore the "divide by ten" guide is used. This guide is an attempt to give sense of the concentration of concern where an indoor air standard for oil mist does not exist; a level of 5 milligrams per cubic meter (mg/cu.m) is derived as the "criteria value." The 0.5 mg/cu.m "criterion alue" is also 1/10 th of the OSHA permissible exposure limit (PEL) for oil mist as well as respirable articulates not otherwise specified. The source sampling conducted during an experimental maximum booking load procedure at the laboratories of Pace on June 13, 2002 demonstrated that the particulate concentrations were below 1/10 th of the ACGIH TLV and OSHA PEL levels. It would be expected that altron breathing zone concentrations would be significantly lower, since they would be sitting at a greater stance from the fondue pots. Also of note is that the OSHA limit is for respirable particulates having a 5 icron cut point which is lower than 10 micron cut point in the PM 10 sampling procedure. Since more articulates would be trapped with the PM 10 procedure than the OSHA respirable dust procedure, an additional safety factor for inhalation of particulates is obtained by comparing PM10 results to the OSHA spirable dust standard.
fir	ne ASHRAE and EPA standard for particulate (PM 10) of 0.15mg/cu.m. assumes a 24-hour averaging me, and the OSHA and ACGIH levels assume 8 hour averaging. Since the restaurant setting does not accompass a full 24 hour day operation, the worst case concentration of 0.32 mg/cu.m, was averaged

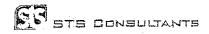
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The Melting Pot Restaurants, Inc. STS Project No. 1-32860-XH July 12, 2002



over a 24 hour period using six hours at this exposure and the remaining 18 hours in the 24 hour period were assumed to gradually decay to background, i.e., 0.074 mg/cu.m (non-smoking cooking environment sample result from May 96 study). The 24-hour PM 10 averaged in this manner was 0.1355 mg/cu.m, which is below the EPA and ASHRAE 24 hour guideline of 0.15 mg/cu.m for PM 10 particles referenced in ASHRAE 2001-Table 1.





4.0 CONCLUSIONS

The particulate loading determined from samples collected in May 1996 and June 2002 indicate that concentrations are below that which would be expected to cause health concerns based on Occupational Safety and Health Administration (OSHA) and American Conference for Governmental Industrial Hygienists (ACGIH) published exposure values for particulates and oil mist, Airborne levels were well below 1/10 th the OSHA PELs and ACGIH TLVs.
The American Society for Heating Refrigeration and Air Conditioning Engineers (ASHRAE) 24-hour particulate standard of 0.150 mg/ cu.m, which references the National Primary Ambient-Air Quality Standards set by the U.S. EPA, likely also are being met in the Melting Pot Restaurants based on the source sample collected on June 13, 2002. The PM 10 source sample result was 0.135 mg/cu.m averaged over a 24 hour period. Compliance with good practice and the rationale on which the outdoor ventilation rates (per ASHRAE 62-2001 Table 2) are based should be able to handle the sources and continue to control particulate concentrations within restaurants to acceptable levels.

5.0 OTHER STANDARDS AND INTERPRETATIONS

If the ventilation rates indicated in Table 2 of ASHRAE 62-2001 are not met, then the Indoor Air Quality (IAQ) guidelines in ASHRAE Tables 1 and 3 must be met. Table 1 in ASHRAE 62-2001 references the National Primary Ambient-Air Quality Standards of the U.S. Environmental Protection Agency which is 0.150 mg/cu.m for particles (PM 10). The air sampling conducted in May 1996 at a Melting Pot Restaurant in Oakbrook Terrace, Illinois showed that all samples taken in smoking and non-smoking sections and the source sample collected at the table with fondue pots were below the ASHRAE particulate standard of 0.150 mg/cu.m. Also the PM 10 air sample collected on June 13, 2002 was below the ASHRAE particulate 24-hour standard. (Note that the sample collected on June 13, 2002 was a source sample, not an ambient sample and cannot be directly related to restaurant ambient air concentrations for PM 10. This type of sampling and correlation would have to occur in the actual restaurant environment. Ambient particulate concentrations (PM 10) would likely be much lower than the June 13, 2002 sample result.

ASHRAE does not currently provide guidance on prescriptive ventilation rate requirements for the patron section of smoking-permitted restaurants, however an addendum providing such guidance is in the approval process. Table 2, outdoor air requirement, of the ASHRAE standard 62-2001 is acceptable for only no smoking restaurants. Since Table 2 recommends 20 cfm outdoor air requirements for dining rooms and 30 cfm outdoor air requirement for bars and cocktail lounges it would be assumed that the outdoor air requirement will fall somewhere closer to the 30 cfm value. Compliance with the ASHRAE Standard 62-2001 is still possible by using the Indoor Air Quality Procedure rather than using the ventilation rate procedure, however Environmental Tobacco Smoke (ETS) may pose future concern when natural ventilation and infiltration are solely relied upon. The ASHRAE standard states that "sufficient ventilation shall be demonstrable." The standard applicable in the United States for common indoor air pollutants is 0.150 mg/cu.m. (in 24 hour period) for particulates (ASHRAE 62-2001 Table B-1). The World Health Organization (WHO) also has the same standard of 0.150 mg/cu.m. for tobacco smoke respirable particulate (passive smoking). The WHO standard is also referenced in Table B-4 of the 62-2001 ASHRAE standard.

The ACGIH also has a threshold limit value for respirable particulate of 3 mg/ cu. m., however this limit would not be truly comparable since the median cut point for the respirable particulate matter sampler is 4 microns per the International Organization for Standardization/European standardization Committee (ISO/CEN) protocol versus the 10 micron cut point used in the PM 10 sampling. The sample result obtained on June 13, 2002 still falls below 1/10th this TWA level.

 		~ *· - ·						
The Melting STS Project July 12, 200	l No. 1-3286					E	STS C	TNATJUZNI
location, sar	mpling date	e, and the oper	ort are based of ations described due to change in	d in this rep	oort. This re	sport does i	ample for a	the any
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-ocation: Pace Analytical Services, Inc., Minneapolis, Minnesota

Date: June 13, 2002

	Limits		SHBAE	PM10			0.150
	Published Exposure Limits (mg/m³)		1	TLV PM10	1	i i	0.3
į	Publish		OSHA	ם	0.5		0.0
	Contaminants				Oil Mist	PM 10 Particulates	י זיי וע ו מוווטמומופט
	Results 24-hour ASHRAE Standard	(mg/m³) **		Of the Constitute of Australia Constitution of the Constitution of	0.1355		
	Results 1 WA 8-hour (mg/m³) *				0.25		
Magazinad	Concentration (mg/m³)	-		Co	76.0		
Air	Volume			1381	, ,		
Time				1	1:59		
Location				Source sample	collected 9.5 inches	above fondue pot	
Sample	Š						·

Explanations and Footnotes to Table 1

NVA = Time Weighted Average Concentration

PEL = OSHA Permissible Exposure Limit

TLV = American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value 2002 ASHRAE = American Society of Heating, Refrigeration and Air-Conditioning Engineers Voluntary Consensus Standard for PM10

mg/m³ = Milligrams per cubic meter of air

M10 = Particulate Matter < 10 microns

The OSHA standards are legally enforceable governmental regulations designed to prevent physiological injury or intolerable irritation to workers in industrial settings.

The ACGIH TLV recommendations are designed to provide similar protection to normal healthy workers in industrial settings, but are not legally enforceable. However, the

The 8-hour TWA result assumes 6-hour exposure at 0.32 mg/m³ and 2-hour exposure at a 0.074 mg/m³ background concentration to derive the 8-hour time weighted average according to the following formula:

Where: C = Concentration given in mg/m3 T = Total Time in Hours

0.25 mg/m3 TWA (8 hour) 0.92 ± 0.148

8-hours

** The 24-hour ASRAE PM10 result assumes a 6-hour exposure at 0.32 mg/m³ and 16-hours at a 0.074 mg/m³ background concentration to derive the 24-hour concentration averaging, using the same formula as noted above

0.1355 mg/m³ (24-hour) 1.92 + 1.33

24-hours

K:WVPDOCS\PROJECT\132860xh\T169H001.dae

- 3.3.35.2 Limited-Combustible Material. Refers to a building construction material not complying with the definition of noncombustible material that, in the form in which it is used, has a potential heat value not exceeding 3500 Btu/lb (8141 kJ/kg), where tested in accordance with NFPA 259 and includes (1) materials having a structural base of noncombustible material, with a surfacing not exceeding a thickness of 1/s in. (3.2 mm) that has a flame spread index not greater than 50; and (2) materials, in the form and thickness used, other than as described in (1), having neither a flame spread index greater than 25 nor evidence of continued progressive combustion, and of such composition that surfaces that would be exposed by cutting through the material on any plane would have neither a flame spread index greater than 25 nor evidence of continued progressive combustion. [5000:3.3]
- 3.3.35.3* Noncombustible Material. A material not capable of supporting combustion.
- 3.3.36 Pitched. To be fixed or set at a desired angle or incli-
- 3.3.37 Qualified. A competent and capable person or company that has met the requirements and training for a given field acceptable to the AHJ.
- 3.3.38 Recirculating Systems. Systems for control of smoke or grease-laden vapors from commercial cooking equipment that do not exhaust to the outside.
- 3.3.39 Removable. Capable of being transferred to another location with a limited application of effort and tools.
- 3.3.40 Replacement Air. Air deliberately brought into the structure, then specifically to the vicinity of either a combustion process or a mechanically or thermally forced exhausting device, to compensate for the vapor and/or gases being consumed or expelled.
- 3.3.41 Single Hazard Area. Where two or more hazards can be simultaneously involved in fire by reason of their proximity, as determined by the authority having jurisdiction.
- 3.3.42 Solid Cooking Fuel. Any solid, organic, consumable fuel such as briquettes, mesquite, hardwood, or charcoal.
- 3.3.43 Solvent. A substance (usually liquid) capable of dissolving or dispersing another substance; a chemical compound designed and used to convert solidified grease into a liquid or semiliquid state in order to facilitate a cleaning operation.

3.3.44 Space.

- 3.3.44.1 Concealed Spaces. That portion(s) of a building behind walls, over suspended ceilings, in pipe chases, attics, and in whose size might normally range from 44.45 mm (1¾ in.) stud spaces to 2.44 m (8 ft) interstitial truss spaces and that might contain combustible materials such as building structural members, thermal and/or electrical insulation, and ducting.
- 3.3.44.2 Confined Space. A space whose volume is less than $1.42 \text{ m}^3/293 \text{ W}$ (50 ft $^3/1000 \text{ Btu/hr}$) of the aggregate input rating of all appliances installed in that space. [211:3.3]
- 3.3.45 Spark Arrester. A device or method that minimizes the passage of airborne sparks and embers into a plenum, duct, and flue.
- 3.3.46 Thermal Recovery Unit. A device or series of devices whose purpose is to reclaim only the heat content of air, va-

- pors, gases, or fluids that are being expelled through the exhaust system and to transfer the thermal energy so reclaimed to a location whereby a useful purpose can be served.
- 3.3.47* Trained. A person who has become proficient in performing a skill reliably and safely through instruction and practice/field experience acceptable to the AHJ.
- 3.3.48 Trap. A cuplike or U-shaped configuration located on the inside of a duct system component where liquids can accu-

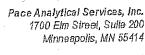
Chapter 4 General Requirements

4.1 General.

- 4.1.1 Cooking equipment used in processes producing smoke or grease-laden vapors shall be equipped with an exhaust system that complies with all the equipment and performance requirements of this standard.
- 4.1.1.1* Cooking equipment that has been listed in accordance with UL 197 or an equivalent standard for reduced emissions shall not be required to be provided with an exhaust
- 4.1.1.2 The listing evaluation of cooking equipment covered by 4.1.1.1 shall demonstrate that the grease discharge at the exhaust duct of a test hood placed over the appliance shall not exceed 5 mg/m9 when operated with a total airflow of 0.236 cubic meters per second (500 cfm).

The text of 4.1.1 has been revised by a tentative interim amendment (TIA). See page 1.

- 4.1.2 All such equipment and its performance shall be maintained in accordance with the requirements of this standard during all periods of operation of the cooking equipment.
- 4.1.3 The following equipment shall be kept in good working condition:
- Cooking equipment
- (2) Hoods
- (3) Ducts (if applicable)
- (4) Fans
- (5) Fire-extinguishing systems
- (6) Special effluent or energy control equipment
- 4.1.3.1 Maintenance and repairs shall be performed on all components at intervals necessary to maintain these conditions.
- 4.1.4 All airflows shall be maintained.
- 4.1.5 The responsibility for inspection, maintenance, and cleanliness of the ventilation control and fire protection of the commercial cooking operations shall be the ultimate responsibility of the owner of the system provided that this responsibility has not been transferred in written form to a management company or other party.
- 4.1.6* All solid fuel cooking equipment shall comply with the requirements of Chapter 14.
- 4.1.7 Multi-tenant applications shall require the concerted cooperation of design, installation, operation, and maintenance responsibilities by tenants and by the building owner.
- 4.1.8 All interior surfaces of the exhaust system shall be accessible for cleaning and inspection purposes.



Phone: 612,607.1700 Fax: 612.607.6444

Comprehensive Emissions Test Report

Fondue Pot Oil Emissions
The Melting Pot Restaurants, Inc.
Minneapolis, Minnesota (Pace)
Organic Condensables
Off-gas Testing
June 13, 2002

Prepared under contract with:

The Melting Pot Restaurants, Inc. Tampa, Florida

Client Coordinator: Bob Johnston Pace Project No.: 0206-022

July 1, 2002

Prepared by:

Pace Analytical Services, Inc. Minnesota Field Services 1700 Elm Street, Suite 200 Minneapolis, MN-55414

Donald B. Stock, QEP

General Manager

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Appendix B Laboratory Data and Reports

Appendix C Calculation Equations and Report Nomenclature

Appendix D Quality Assurance Data

Appendix E Test Plan and Test Correspondence

A-1 | B-1 | C-1 | Not tack to D-1

Executive Summary

The Melting Pot Restaurants, Inc. contracted Pace Analytical Services, Inc. to perform organic condensable emissions engineering testing relative to fondue pots to evaluate oil volatilization from cooking. The experiment was set up and completed at the Pace Analytical laboratory located in Minneapolis, Minnesota. The experiment was performed on June 13, 2002. Results are summarized in the following table:

Test Results Summary

<u>Parameter</u>	<u>Run 1</u>	Run 2	Run 3	Average
Condensable Organics mg/scm	1.6	1.3	1.2	1.4

This test was performed to satisfy conditions set by the City of Irvine (California) relative to fire prevention and the question of exhaust hoods for each restaurant table. The action level specified by the City of Irvine is 5 mg/scm and these results are well below that value.

The experiment was designed to exceed what could be considered worst case conditions. The results shown are likely higher than what could be achieved in a normal restaurant setting since testing was performed for an above average number of oil pots, higher cooking frequency, less frequent filtering of the oil and a higher volume sampling train.

Introduction

Pace Analytical Services, Inc. personnel conducted condensable organic emission engineering testing over a simulated fondue table at the Pace Analytical facility located in Minneapolis, Minnesota. Testing was coordinated by D. Stock, J. Trowbridge and C. Norman of Pace Analytical's Field Services Division. Mike Maglin from The Melting Pot Restaurants, Inc. facilitated cooking and test patron orientation. Edie Hampson from STS Consultants was a third observer for the test. Testing was not witnessed by a representative of a regulatory agency. Testing consisted of three independent one-hour samplings for condensable by EPA Method 202 (40 CFR 51, Appendix M)

The objectives of this project were to quantify condensable organic (cooking oil) volatilization and compare it to a concentration value. These measurements were performed under controlled experimental conditions designed to maximize the concentration of oil vapors to simulate worst case conditions. The test was performed in a laboratory setting to better control environmental conditions and reduce the potential for external biases of the results. Ultimately the results will be used to evaluate appropriate venting needs relative to NFPA-96 standards.

Results are summarized in the next section followed by descriptions of the process under investigation and test methods. All supporting data are included in subsequent appendices.

Results Summary

	sable organics range betwee	summarized in Table 1. The en 1.2 and 1.6 mg/scm with an cified by the City of Irvine is 5.0
air quality methods is slig	htly different. Standard tempe tandard temperature for IAQ	urce testing methods and indoor erature for source measurements measurements is 72°F. In this edifference is not significant.

The Melting Pot Restaurants, Inc.

Minneapolis, Minnesota Pace Project No. 0206-022 Table 1
EPA Method 202 Determinations
Fondue Pot Experiment
Test 1

Parameter Date of Run Time of Run Sample Duration (Minutes)	Run 1 6/13/2002 1010-1110 60	Run 2 6/13/2002 1131-1231 60	Run 3 6/13/2002 1247-1347 60	Average 6/13/2002
Nominal Oil Temperature (°F)	350	350	350	400
Room Temperature (°F) Ambient Moisture Content (%v/v)	75 1.7	75 1.6	75 2.2	78 1.8
Sample Volume (dscm)	1.27	1,26	1.18	
Total Constituent Collected (mg) Total Condensible Organics	2.1	1.7	1.4	1.7
Constituent Concentration				
mg/dscm Total Condensible Organics	1.6	1,3	1.2	1.4
•				· · · · · · · · · · · · · · · · ·
mg/scm Total Condensible Organics	1.6	1,3	1.2	1.4

mg/dscm = milligrams per dry standard cubic meter mg/scm = milligrams per standard cubic meter



Process Description

The Melting Pot Restaurants, Inc. franchises restaurants throughout the United States of America (USA). Under normal circumstances, customers perform fondue style cooking at the dining table in The Melting Pot Restaurants. Four entrée cooking styles are offered. Three are water based (broth, bouillon) and the fourth is canola oil. Customers select entrées and cooking styles from the menu which are then brought to the dining table to be cooked. Normally, a mix of cooking styles are used at a single table. The dining experience can also include cheese fondue, salads and chocolate fondue deserts.

Only canola oil cooking is the subject of this experiment as water based cooking has no oil off gassing. This project is designed to measure potential organic vapor off gassing from restaurant cooking in fondue pots. Organic vapor (cooking oil) off gassing has two potential causes, evaporation and atomization from splattering. Excessive airborne cooking oils can potentially collect in building ventilation systems and other areas to, over time, create a fire hazard. Institutional kitchens are required to provide ventilation hoods that include fire suppression for cooking appliances that cause significant airborne oils. For the purpose of this test, a small test table was set-up in the Pace Analytical Services, Inc. laboratory facility in Minneapolis, Minnesota. Testing was performed over two pots with two "patrons" cooking fondue style in each pot. Oil filled fondue pots were heated on 950 watt heating elements (standard restaurant issue) to 350°F. A normal variety of foods was available to the "patrons" for cooking. These foods include beef, chicken, shrimp, cheese stuffed mushrooms and broccoli.

To capture fondue pot emissions, a specially designed sampling manifold was constructed and set over the pair of pots to collect gases in close proximity to the hot oil. The sampling manifold was connected directly to the collection train by means of a glass probe. The manifold and train configuration is shown in Figure 1. A detailed description of the sampling train is included in the Test Procedures Section.

Several provisions were applied to assimilate or exceed worst case conditions. These provision are outlined below:

Worst Case Condition

Two pots of oil

Two cooking cycles per hour

Six oil cooking cycles in 3.5 hours

Oil filtered after two cycles

Sampling apparatus right over pot

One-hour samples at maximum oil release rate

Normal Experience

One pot oil, one pot broth
One cooking cycle per hour
Two oil cooking cycles in 3,5 hours
Oil filter after each use
IAQ studies usually at breathing zone
Ventilation hoods suspended
higher over appliance
Eight-hour samples that include
significant down time (no cooking
oil release)

These combined provisions likely created elevated concentrations beyond that normally encountered in the restaurant setting. The provisions were applied for proactive evaluation of questions or concerns that could arise. The probability of all these conditions becoming coincidental in a restaurant is quite low.

Pace Analytical Page 9

Test Procedures

EPA Method 202 defines the procedures to measure condensable emissions from stationary sources. A sample gas stream is collected and transported through the glass sampling probe to the collection train consisting of a series of three glass impingers, each of which is prepared with 100 mls of deionized water, followed by desiccant packed drying column. The outlet of the last impinger (before the drying column) is temperature monitored and maintained at 68°F or less. Sample volume and sampling rates are set and monitored with an EPA Method 5 train which includes a pump, dry test meter, calibrated orifice, differential pressure gauges and temperature monitoring devices. Sample recovery and train clean up are performed after each run using procedures to ensure sample integrity and quantitative recovery. Details of condensable organic testing are outlined below.

Probe Material:

Borosilicate glass

Impinger Train Material:

Borosilicate glass

Impinger Reagents:

HPLC Grade deionized distilled water

Methylene Chloride

Recovery Reagents:

HPLC Grade delonized distilled water

Control Train:

EPA Method 5

Analytical Technique:

Gravimetric

In this case, a pollution source emission testing method was specified for indoor air quality measurements. EPA Method 202 is designed to be used in conjunction with EPA Method 201A or EPA Method 5 for the determination of total particulate. Some slight modifications were necessary to meet the project data objectives. Isokinetic testing was not possible or necessary for this test since there was no moving gas stream and the target constituent was an aerosol. Inorganic residues, which is the second half of the Method 202 analysis, are not a concern for this project and were omitted.

The experiment, as displayed in Figure 1, is designed to capture and measure any cooking oil that is volatilized either from atomization (aerosol splattering) or evaporation from the fondue pots. The sampling train includes two inverted glass funnels to act as miniature hoods. These were situated over each operational pot. Teflon elbows and a tee connect the funnels to a single collection train as described above.

Sample recovery began at the Teflon elbows, excluding the funnels that were acting as hoods. EPA Method 202 sample recovery procedures include methylene chloride and water rinses. The target flow rate for the train was 22 lpm resulting in 11 lpm for each hood.



Pace Analytical Services, inc. 1700 Em Street, Suite 200 Mimespolis, MN 55414

> Phone: 612,607,1700 Fax: 812,607,6444

Comprehensive Sampling Protocol

Fondue Pot Oil Emissions
The Melting Pot Restaurants, Inc.
Minneapolis, Minnesota (Pace)
Organic Condensables
Off-gas Testing
June 13, 2002

Prepared under contract with:

The Melting Pot Restaurants, Inc.

Corporate Headquarters: Tampa, Florida

Client Coordinator: Bob Johnston Pace Project No.: 0206-022

June 10, 2002

Prepared by:

Pace Analytical Services, Inc. Minnesota Field Services

1700 Elm Street, Sulte 200 Minneapolls, MN 55414

Donald B. Stock, QEP General Manager



Pace Analytical Services, Inc. 1700 Elm Streel, Sulle 200 Minneapolis, MN 55414

> Phone: 812.607.1708 Fax: 612.807.8444

Off gassing Emissions Test Plan

Date Prepared

June 10, 2002 No revisions to date.

Scheduled Test Date(s):

June 13, 2002

General Information

Testing Performed For:

The Melting Pot Restaurants, Inc. 8810 Twin Lakes Boulevard

Tampa, Florida 33614

Stationary Source

Project Contact: Phone Number: Bob Johnston

(813) 881-0055 ext. 101

Test Location:

Pace Analytical Services, Inc.

1700 Elm Street

Suite 200

Minneapolis, Minnesota 55414

Reason(s) For Test:

New Restaurant License/Permit Application

NFPA 96 (Fire Protection Code)

Testing Firm:

Pace Analytical Services, Inc.

1700 Elm Street

Suite 200

Minneapolls, Minnesota 55414

Project Contact:

Donald B. Stock, QEP

Phone Number:

(612) 607-6370

Previous Test Plan Discussions and Correspondence;

None to date

Prepared by Pace Analytical for; The Melting Pot Restaurants, Inc. Page No. 1

Testing Requirements

Source	Source	Test	Test	Concentration	Applicable
No.	identification	Constituent	Methods	Limit	Rule or Reg.
NA		Condensable Organics	EPA Method 202		

This project is designed to measure potential organic vapor off gassing from restaurant cooking in fondue pots. Organic vapor (cooking oil) off gassing has two potential causes, evaporation and atomization from splattering. Excessive airborne cooking oils can potentially collect in building ventilation systems and other areas to, over time, create a fire hazard. Institutional kitchens are required to provide ventilation hoods that include fire suppression for cooking appliances that cause significant airborne oils.

Process Description and Operating Conditions

Operating Conditions to be Tested:

Single Condition, Normal Use, Two Pots

The Meiting Pot Restaurants, Inc. franchises restaurants throughout the United States of America (USA). Under normal circumstances, customers at the dining table do fondue cooking in The Meiting Pot Restaurants. Four entrée cooking styles are offered. Three are water based (broth, bouillon) and the fourth is canola oil. Only canola oil cooking is the subject of this experiment as water based cooking has no oil off gassing. For the purpose of this test, a small test table will be set-up in the Pace Analytical Services, Inc. laboratory facility in Minneapolls, Minnesota. Testing will be performed over two pots with two "patrons" cooking fondue style in each pot. Oil filled fondue pots will be heated on 950 watt heating elements as used in the restaurants to 350 to 375°F. A normal variety of foods will be available to the "patrons" for cooking. These foods include beef, chicken, shrimp and vegetables.

	Process	Monitoring Parame	eters
Source No.	Process Parameter	Monitoring Method	Target Range
1001	Cooking Oil Temperature	Thermocouple	350-375°F
	Number of Patrons	Manual Log	8/Hour
	Foods Cooked	Patron Log	Normal Distribution
	Cooking Time	Manual Log	40 Minutes/Hour

Prepared by Pace Analytical for The Meiting Pot Restaurants, Inc. Page No. 2

Testing Methods

Parameter	Test Method	Reference	No. of Runs	Length of Run	Minimum Vol./Rate	Report Units	Detection Limit	
Condensable Organic	EPA Method 202	40 CFR 51, Appendix M	3	60 Minutes	32 DSCF	mg/dsom	0.5 mg/dscm	

In this case, a pollution source emission testing method is specified for indoor air quality measurements. Ultimately, the data is to be used to fire code evaluation. EPA Method 202 is designed to be used in conjunction with EPA Method 201A or EPA Method 5 for the determination of total particulate. Since the method is to be used outside its original intent, some slight modifications are necessary to meet the projects data objectives. The purpose of this test is to determine if and how much cooking oil is volatilized during the course of normal fondue cooking at the restaurant table. EPA Method 202 will quantify total organic Condensables which is assumed to be cooking oil. Isokinetic testing is not possible or necessary for this test since there is no moving gas stream and the target constituent will be an aerosol if present. Inorganic residues, which is the second half of the Method 202 analysis, are not a concern for this project and will be omitted.

The experiment, as displayed in Figure 1, is designed to capture and measure any cooking oil that is volatilized either from atomization (aerosol splattering) or evaporation from the fondue pots. The sampling train includes two inverted glass furnels to act as miniature hoods and will be situated over each operational pot. Tellon elbows and a tee will connect the funnels to a single collection train. A glass line will bring the sample gas stream to a series of three glass implingers, each prepared with 100 mis of distilled water. A desiccant packed drying column is placed in-line to protect metering components from moisture. Gas volumes are measured with a calibrated dry test gas meter and sample flow rate is regulated with a calibrated orifice and oil manometer.

Sample recovery will begin at the Teflon elbows, excluding the funnels that are acting as hoods. EPA Method 202 sample recovery procedures include methylene chloride and water rinses. The target flow rate for the train will be 20 to 25 lpm resulting in 10 to 12.5 lpm for each funnel. This should ensure collection of all aerosol cooking oil.

Testing will take place at the Pace Analytical Services, Inc. facility In Minneapolis, Minnesota. Sampling will be performed simultaneously over two fondue pots with a single sampling train. Test "patrons" will be scheduled two to a pot and two pair served for each hour-long sample run. A third pot will be used to allow filtering of the oil during the test. At the start of the test, all three pots will be prepared with new oil. At the end of the first pair of test patron, one pot will be replaced with a new pot and the used oil will be filtered. The recycled pot will replace the remaining pot, which will then be filtered. Recycling of the pots in this manner will continue to end of sampling. Filtering of the oil usually occurs after

Prepared by Pace Analytical for. The Melting Pot Restaurants, inc. Page No. 3 each set of customers. By simulating a table of four, cooking with two pots of oil and filtering half as often should represent an average worse case condition.

Other provisions have been made to try to extend the low-end precision of the method. For stack testing, concentration limits are usually much higher. Steps taken to increase the analytical sensitivity include: the use of certified analytical grade water (HPLC), lowering the "constant weight" specification from 0.5 mg to 0.2 mg difference between successive weighings, preparation of a train blank and dedicating glassware for the duration of the project.

Testing Schedule

Testing will be performed at the Pace Analytical facility on June 13, 2002. Patrons will be cycled through the project test runs as follows:

Run No.	Time	Test Groups	Test Pot
Run 1	10:00-10:30	Pair 1, Pair 2	Pot A, Pot B
run i	10:30-11:00	Pair 3, Pair 4	Pot C, Pot B
Run 2	11:10-11:40	Pair 5, Pair 6	Pot C, Pot A
15th 2	11:40-12:10	Pair 7, Pair 8	Pot B, Pot A
Run 3	12:20-12:50	Pair 9, Pair 10	Pot B, Pot C
Kuno	12:50-13:20	Pair 11, Pair 12	Pot A, Pot C

Test Report

A final test report will be compiled by Pace Analytical at the completion of testing. The report will be submitted to the client within 14 days of the last day of sampling. The client will be responsible for submitting report copies as required by regulatory agencies. The final test report will include the following information:

- .. Name and location of emission facility.
- · Identification of emission unit.
- Date of tests.
- Name and address of testing company.
- Certification of project information (client signatures also required).
- · Reasons and constituents for test.
- Names of observers and witnesses
- •• Emission results expressed in the units of the emission limitation criteria.
- Process descriptions as provided by the client.
- · · Process rate information as provided by the client.
- Descriptions of maintenance activities as provided by the client.

Prepared by Pace Analytical for. The Meiting Pot Restaurants, Inc.

- Discussions of problems or errors encountered.

 Sampling and analytical procedures.

 Analytical results of fuels or process samples as appropriate.

 Dimensioned drawing of sampling location.
- Coples of raw field data.
- Copies of laboratory analytical reports.
 Calculation equations.
 Sampling train calibration data

- Laboratory quality assurance information as appropriate Copy of this test plan and other pertinent pretest correspondence.

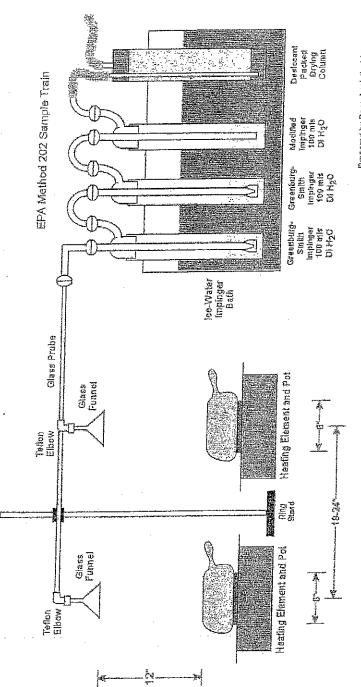
Attachments

Sampling Train Diagram

Prepared by Pace Analytical for: The Melling Pot Restaurants, Inc. Page No. 5

Figure 1 Sampling Train Diagram DBS 16/02

The Melting Pot Oil Vapor Emission Testing Fondue Pot Cooking Release



Propared by Pace Analytical for: The Melting Pot Restaurants, Inc.



STS CONSULTANTS, LTD. Air Quality Assessment Report

The Melting Restaurants, Inc. 8406-G Benjamin Road Tampa, Florida 33634

STS Project No. 1-32860-XH July 12, 2002



750 Corporate Woods Parkway Vernon Hills, Illinois 60061 847-279-2500 Phone 847-279-2510 Fax

July 12, 2002

Mr. Bob Johnston The Melting Pot Restaurants, Inc. 8406-G Benjamin Road Tampa, Florida 33634

RE: Fondue Pot Emissions -Air Quality Assessment Report - STS Project No. 1-32860-XH

Dear Mr. Johnston:

STS Consultants, Ltd. (STS) is pleased to provide our Air Quality Assessment Report for the Melting Pot Restaurants. STS appreciates this opportunity to be of service to you. Should you have any questions, please do not hesitate to contact us.

Yours, truly,

STS CONSULTANTS, LTD.

Edic Cab - Hongern Edie Scala-Hampson, CIH, CHMM

Industrial Hygienist

Richard Berggreen, C.P.G.

Principal Geologist

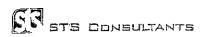


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1.0	PROJECT OVERVIEW	1
4 5	BACKGROUND INFORMATION	1
2.0	METHODS	3
0.8	DISCUSSION	4
4,0	conclusions	6
	OTHER STANDARDS AND INTERPRETATIONS	

ATTACHMENTS

Table 1-PM10 Results
ASHRAE 62-2001 Referenced Tables



The Melting Pot Restaurants, Inc. STS Project No. 1-32860-XH July 12, 2002

AIR QUALITY ASSESSMENT THE MELTING POT RESTAURANTS TAMPA, FLORIDA

1.0 PROJECT OVERVIEW

1.1 Background Information

At the request of the Melting Pot Restaurants, Inc., STS Consultants, Ltd. (STS) conducted a particulate air sampling survey per the PM10 collection procedure on June 13. 2002. This survey was a result of the ongoing efforts of the Melting Pot Restaurants to quantify fondue style cooking emissions and compare the results to regulatory and voluntary consensus guidelines. There is no single federal statute that directs any single government agency to regulate indoor air quality through comprehensive rule making. The BOCA code, as well as NFPA 96, does not state specific protocol. Therefore, the agencies which, on a limited basis, direct regulatory authority for indoor air quality are the U.S. Occupational Safety and Health Administration (OSHA), the National Institute for Occupational Safety and Health (NIOSH), and the Environmental Protection Agency (EPA). These agency guidelines and standards are used as our benchmarks in this report. Reference to voluntary consensus standards is also discussed in this report.

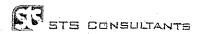
1.2 Scope of Work

The measurement of particulates in indoor air (PM10), referenced in EPA IP-10A was undertaken at the Pace Analytical Services, Inc. (Pace) offices in Minneapolis, Minnesota on June 13, 2002 where a test table was set-up for the purpose of monitoring fondue cooking emissions. Aerosol particles were sampled through the impactor to remove particles above the cut point of 10 um in aerodynamic equivalent diameter. Particles smaller than the cut-point were collected on a pre-weighed 37 mm filter. The filter was analyzed gravimetrically per the NIOSH procedure 0500 for particle mass by NATLSCO, an American industrial Hygiene accredited laboratory. A Gil-Air personal air sampling pump provided a 2 liter per minute airflow through the monitor which was positioned at 9.5 inches above the source of the generated cooking aerosols from a fondue pot during 3 hours and 39 minutes of cooking in canola oil. The pump was calibrated before and after the survey using a Bios calibrator to assure consistent flow rate. The monitored conditions can be assumed to be the worst case for exposure to cooking aerosols that would yield the maximum expected result due to positioning of the sampling train, the use of only canola oil in the fondue pots, less frequent filtering of oil in fondue pots, and continuous cooking in two pots for 3

The Melting Pot Restaurants,	Inc.
STS Project No. 1-32860-XH	
July 12, 2002	

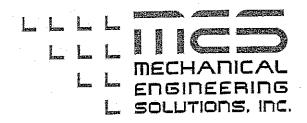


hours and 39 minutes. Melting Pot Restaurants report the use of cooking oil by approximately 30% of their restaurant patrons. Fondues can also consist of broth, cheese and chocolate. See results in Table 1.



2.0 METHODS

Two canola oil filled fondue pots were heated on 950 watt heating elements, as used in the Melting Pot Restaurants. A normal variety of foods were available for cooking by six groups of four persons each during the sampling period. These foods included beef, chicken, shrimp and vegetables with and without battered coatings. Cooking temperatures were maintained between 350 to 375 degrees F. The test methods called for two persons to cook per pot and one pot of oil to be filtered and reused after each four person cooking cycle. This recycling of one pot of oil for each new group of four continued to the end of the sampling period.



April 28, 2008

Jay Walden Melting Pot Restaurants 8810 Twin Lakes Blvd Tampa, FL 33614

RE: Melting Pot, Michigan

Subject: HVAC System Overview

Mr. Walden,

HVAC System Overview:

HVAC systems typically consist of rooftop packaged units, split system units, or self-contained air-conditioners. Heating for these systems is dependent upon the regional heating requirements and available utility services with cold climates (above Mason-Dixon) normally utilizing gas heating.

Supply air is ducted, via anti-microbial ductboard with an interior surface that is rigid (no exposed fiber) from the introduction of thermosetting resins which contains the anti-microbial substance. Supply air devices are typically located within communicating areas around dining clusters and the system returns are located over groups of dining clusters. The returns are filtered at the grill with a cleanable metal mesh filter rated for any moisture/grease removal through impingement on the metal media, even though there is little entrained oil/vapor.

A centrally located building/space exhaust system maintains a slightly negative building pressurization (-0.02" w.g.) and exhausts the excess ventilation air provided at each airconditioning unit. The overall exhaust provides us with nearly 2.5 air-changes per hour, which assists in removing moisture and maintaining proper comfort conditions within the restaurant. Outside air quantity overall exceeds the minimum ASHRAE (American Society of Heating, Refrigeration, and Air-Conditioning Engineers) requirements according to Standard 62 "Ventilation for Acceptable Indoor Air Quality".

Thanks.

Mark E. Awmiller, PE

Principal



COMPANY OVERVIEV

ORGANIZATIONAL CAPABILITIES

From IAQ Screen Test Kits to mold remediation, our professional staff of industrial hygienists, microbiologists, mechanical engineers, medical doctors and building scientists can help you to identify and take action against any indoor pollutants -- or advise you on how to prevent new ones from forming.

Environmental Diagnostics Laboratory: Microbiology Lab

- Mycology: Molds, Yeasts, Thermophilic
- Bacteriology: Aerobic, Anaerobic, Thermophilic
- Legionella: Culture, Fluorescent Antibody
- · Microscopy: Bright field, Fluorescent, Phase Contrast
- Chemistry
- Gravimetric Analysis
- Allergen: Polyclonal and Monoclonal based Immunoassay: Dustmite (Der p 1, Der f 1, Mite Group 2), Cockroach (Bla g 2), Cat (Feld 1)
- AIHA Accredited #102795

Building Sciences: Forensic Building Evaluations

- Microbiologists
- Industrial Hygienists
- Building Scientists
- · Professional Engineers
- Public Health Specialists

Building Health Check: IEQ Evaluations

- Testing services of indoor environments
- Economical evaluations

Environmental Project Management:

- · Senior Project Managers (PM) with IAQ experience
- · Project Managers work synergistically with Client, Architect, Consulting Engineer and Mechanical Contractor to successfully resolve indoor air quality issues

Building/HVAC Remediation: Professional HVAC/Mold Remedial Services

- Over 350 million square feet of experience
- Mechanically Licenced State of Florida CAC057992
- Environmentally Trained Personnel
- OSHA Health & Safety Trained
- NADCA Certified

Environmental/HVAC Maintenance:

- HVAC Trained Environmental Technicians
- Proactive IAQ Development Programs
- Predictive Maintenance Programs (PMP)



Building編

th Check

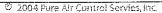




For more information about our interdisciplinary indoor environmental services, call us toll-free at 1.800.422.7873 or visit our web site. www.pureaircontrols.com











Mechanical Division

SALES ORDER FORM

Project Infor	mation:
Date Needed:	
Time:	
Quote #:	BHC-2410

EMLAP #102795	License No. CAC057992			Quote #:	ВНС	-2410
Client Informa	ition:		Project Information			200 (200 (200 (200 (200 (200 (200 (200
Client Name: The Melting Pot			Project Name: The Melting Pot, Store #			
Street Address:	8810 Twin Lakes Blvd.		Street Address:		-	
City: Tampa	State: FL	Zip: 33614	City: Ann Arbor		State: MI	Zip:
Phone: 813-425	5-6220 Fax:		Phone: 813-425-6220	1	Fax:	
Requested By &	Title: Jay Walden, VP of Cons	struction & Design	Contact: Jay Walden			
E-Mail: jayw@	meltingpot.com					
·	Comments				33	





The Melting Pot restaurant average size is 5,000 sq. ft. and has 5 AHU's (split) approximately 5 tons per 1,000 sq. ft. Mr. Walden indicated that this facility needs the ductwork evaluation for both mold and possible grease. The fondue restaurant creates steam at each table and a determination is needed to see if moisture has entered into the ductwork. A Building Health Check $^{\text{TM}}$ has been recommended to determine baseline IEQ conditions. Three (3) representative interior locations will be evaluated along with one (1) outdoor as a baseline for comparison purposes.



G5A	Contract Holder
-----	-----------------

Quantity:	Description:	Unit Price:	Price Extension:	
1	Building Health-Check™ Includes:			
4	Aerobiology (Air-O-Cells)			
4	Bio-Scan™ Surface Microscopy (Slides)		1	
4	Particle Scan – (0.3-5.0ų)			
4	Temperature and Relative Humidity Datalogging Analysis		: .	
2	Bacteria / Fungi (Bulk or Swab)			
4	AHU Hygiene Assessment (Ductwork and Supply)			
10-15	Digital Photos			
1	Final Diagnostic Report			
		Total:	\$4,250.00	
Options:	Description:	Authorization:	Price Extension:	
Option 1:	24-Hour TAT (Preliminary Report) – Add \$300.00 to total price. Note: Some samples need to culture for 10-14 days in order to provide accurate results. The 24 TAT only applies to Aerobiology and not to Bio-Aerosols (due to culture). Preliminary laboratory only report will be provided within 24 hours from the time the laboratory receives the samples.	:		
	Pure Air Control Services	Total w/		
		Options:		
	ve: Mr. Alan Wozniak, CIAQP President/CEO Date: 4/21/08	Method of Payment:		
Accounting Depa		TERMS:		
Laboratory Repor	Ith-Check TM utilizes baseline assays to screen the indoor environment. The Final tis designed as a preliminary screening for potential indoor environmental issues. field inspection and laboratory assays, a more comprehensive study may be	Visa #: MasterCard #:		
recommended. Pi	are Air Control Services is not responsible for repairs due to minimal invasive vity inspection. Repairs to be performed by customer.	Exp. Date: V-Code:		
morathar wall od	napocaon. Repairs to be performed by customer.	(3 digit code on back) Cash / Check #:		
Customer Signat	ure: Date:	P.O. #: Net:		

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Atlanta, GA

Alexandria, VA

West Palm Beach, FL

Corporate Office:

4911 Creekside Drive, Suite C, Clearwater, FL 33760

Phone: 1-800-422-7873 Fax: 1-727-572-5859 E-Mail: iaq@pureaircontrols.com Web Site: www.pureaircontrols.com COMMERCIAL / MARKETING DEPT. Ext. 804 RESIDENTIAL Ext. 401 BUILDING SCIENCES Ext. 802 EDLAB Ext. 302



DEPARTMENT OF LABOR AND ECONOMIC GROWTH

KEITH W. COOLEY

October 25, 2007

M-07-30

TO:

Members of the Board of Mechanical Rules

FROM:

Tennison B. Barry, Chief, Mechanical Division

SUBJECT:

Background Information

APPLICANT REPRESENTATIVE:

Reginald T. McKinney

PROJECT:

Report of Administrative Law Judge

AUTHORITY:

The Forbes Mechanical Contractors Act of 1984 as Amended, being Act 192 of the Michigan Compiled Laws.

REQUEST:

Staff requests that the Board of Mechanical Rules modify the recommendation of the Administrative Law Judge. This request is based on information obtained after the Administrative action.

APPLICABLE RULE:

R 338.903a of the Board of Mechanical Rules License Examination Procedures

RECOMMENDATION:

It is recommended that no action is taken against Mr. McKinney's Mechanical Contractor License.



STATE OF MICHIGAN DEPARTMENT OF LABOR & ECONOMIC GROWTH LANSING

KEITH W. COOLEY DIRECTOR

April 22, 2008

Mr. Reginald T. McKinney 210 South Second St. Saginaw, MI 48607

Dear Mr. McKinney:

On May 14, 2008, the Board of Mechanical Rules will take action on the report and recommendation of the Administrative Law Judge regarding your Mechanical Contractor License that has been tabled on November 14, 2007, January 23, 2008 and March 19, 2008.

If you would like input on this action, you should be present at the Okemos Office Building, 2501 Woodlake Circle, Okemos, Michigan at 9:00 a.m. in Conference Room 3.

The meeting site is accessible, including handicapped parking. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional accommodations in order to participate in the meeting should contact the Mechanical Division at 517/241-9325 at least (10) working days before the event.

If I can be of further assistance, you may contact me.

Sincerely,

Tennison B. Barry, Chief

Mechanical Division

TBB/cct

Service:

Shon: (989) 239-3565

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Reggie: (989) 239-1055

Date: 3-13 A REC TO SHOWS

DE NEED TO SHOW BIRRY

DE NEED TO MY 320

DE NEED TO GET TO

MINOR REPAIRS ROMS

YOU THATTAD YOUR PHONE

A Committee of the comm
MESC #1347937
FEDERAL I.D. #383053881
STATE LICENSE #71-09737

DR 2 A-11

Total:	
Deposit:	<u> </u>
Balance:	

TCAL



CERTIFIED MAIL RECEIPT Comestic Mail Only; No Insurance Coverage Provided)	KRINGFORT HI 48722	0702	13	Postmark Here		03/15/2008	Riski	SNOW BERRY	48722	See Heverse for Instructions
oef Vice 1 D.MAIL™ RECEIP mly; No Insurance Coverag	fion visit our websit	\$ \$0,41	\$2.65	\$2.15	*0.00	\$ \$5,71			PORT	
CERTIFIED MAIL (Domestic Mail Only; No Inst	KINGFORT MI 48722	Postage	Certified Fee	Return Receipt Fee (Endorsement Required)	Restricted Delivery Fee (Endorsement Required)	Total Postage & Fees	STWN S	OF PO BOX No. 37 30	B Form 3800, August 2008	

14E8 8094 0000 05T2 9002





KEITH W. COOLEY DIRECTOR

March 21, 2008

Mr. Reginald T. McKinney 210 South Second St. Saginaw, MI 48607

Dear Mr. McKinney:

On March 19, 2008, the Board of Mechanical Rules left tabled the licensing action against your Mechanical Contractor License.

The Board will make a decision regarding licensing action at their May 14, 2008 meeting.

nneson B. Barre

If you have any questions, you may contact the Mechanical Division at (517) 241-9325.

Sincerely,

Tennison B. Barry, Chief

Mechanical Division

Providing for Michigan's Safety in the Built Environment



KEITH W. COOLEY DIRECTOR

January 8, 2008

Mr. Reginald T. McKinney 210 South Second St. Saginaw, MI 48607

Dear Mr. McKinney:

On January 23, 2008, the Board of Mechanical Rules will take action on the report and recommendation of the Administrative Law Judge regarding your Mechanical Contractor License that was tabled at their meeting on November 14, 2007.

If you would like input on this action, you should be present at the Okemos Office Building, 2501 Woodlake Circle, Okemos, Michigan at 9:00 a.m. in Conference Room 3.

The meeting site is accessible, including handicapped parking. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional accommodations in order to participate in the meeting should contact the Mechanical Division at 517/241-9325 at least (10) working days before the event.

If I can be of further assistance, you may contact me.

Sincerely,

Inneron B. Barre Dison B. Barry, Chief Cf Tennison B. Barry, Chief

Mechanical Division

TBB/cct

Providing for Michigan's Safety in the Built Environment

STATE OF MICHIGAN DEPARTMENT OF LABOR & ECONOMIC GROWTH LANSING

KEITH W. COOLEY DIRECTOR

November 26, 2007

Mr. Reginald T. McKinney 210 South Second St. Saginaw, MI 48607

Dear Mr. McKinney:

On November 14, 2007, the Board of Mechanical Rules delayed taking licensing action against your Mechanical Contractor License to allow violations to be corrected.

The Board will make a decision regarding licensing action at their January 23, 2008 meeting.

If you have any questions, you may contact the Mechanical Division at (517) 241-9325.

Sincerely,

Tennison B. Barry, Chief

Mechanical Division



STATE OF MICHIGAN DEPARTMENT OF LABOR & ECONOMIC GROWTH LANSING

KEITH W. COOLEY DIRECTOR

October 25, 2007

Mr. Reginald T. McKinney 210 South Second St. Saginaw, MI 48607

Dear Mr. McKinney:

On November 14, 2007 the Board of Mechanical Rules will take action on the report and recommendation of the Administrative Law Judge regarding your Mechanical Contractor License.

The meeting will be at the Okemos Office Building, 2501 Woodlake Circle, Okemos, Michigan at 9:00 a.m. in Conference Room 3.

The meeting site is accessible, including handicapped parking. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional accommodations in order to participate in the meeting should contact the Mechanical Division at 517/241-9325 at least (10) working days before the event.

If I can be of further assistance, you may contact me.

Tinnison B. Barre

Sincerely,

Tennison B. Barry, Chief

Mechanical Division

TBB/cct

STATE OF MICHIGAN STATE OFFICE OF ADMINISTRATIVE HEARINGS AND RULES

In the matter of

Docket No.

2007-292

Bureau of Construction Codes.

Agency No.

06-0621-M

Petitioner

Agency:

Bureau of Construction

Codes

Reginald T. McKinney

D/b/a Reggie & Son Heating & Air

Conditioning

Mechanical Contractor License No.

71-09737,

Respondent

Case Type:

Sanction

Revocation

Issued and entered this ISN day of September 2007 by J. Andre Friedlis Administrative Law Judge

REPORT OF THE ADMINISTRATIVE LAW JUDGE

PROCEDURAL HISTORY

This is a proceeding held pursuant to Sections 11(1) of 1984 PA 192, as amended, the Forbes Mechanical Contractors Act (Act 192), MCL 338.981 and Section 92 of 1969 PA 306, as amended, the Administrative Procedures Act (APA), MCL 24.292.

The purpose of this review is to consider the Petitioner's proposal "for the imposition of penalties and remedies provided in the State Construction Code Act, and in the Mechanical Contractors Act, including imposition of a civil fine pursuant to the State Construction Code Act and suspension, denial or revocation of [Respondent's] mechanical contractors license, and restitution pursuant to the Mechanical Contractors Act." See Petitioner's November 21, 2006, Notice of Intent, page 5.

<u>FINDINGS OF FACT AND CONCLUSIONS OF LAW</u>

On March 13, 2007, Petitioner requested a hearing to present evidence to support its position that Respondent's actions violated Act 192 by the conduct alleged in Counts I, II, and III of the November 21, 2006, Notice of Intent.

Pursuant to Section 92 of the APA, a compliance conference was scheduled for December 21, 2006, to provide Respondent an opportunity to show compliance with all lawful requirements. Respondent did not appear for the conference.

The matter was then scheduled for hearing on September 11, 2007. Petitioner appeared, represented by Assistant Attorney General Richard Gartner. He was accompanied by Gerrit Bakker, Department Analyst, Scott Fisher, Director of the Office of Local Government & Consumer Services, and Ronald Wheatley, Building Official for Bridgeport Charter Township. Respondent McKinney did not appear.

Section 11(4) of Act 192, MCL 338.981(4), permits hearings in accordance with the procedures applicable to the trial of contested cases under the APA. Section 72 of the APA provides:

(1) If a party fails to appear in a contested case after proper service of notice, the agency, if no adjournment is granted, may proceed with the hearing and make its decision in the absence of the party.

The State Office of Administrative Hearings and Rules' records show that notice of the hearing scheduled for September 11, 2007, was properly mailed on July 16, 2007, to the Respondent's address of record: Reginald T. McKinney, Reggie & Son Heating & Air Conditioning, 210 South Second Street, Saginaw, MI 48607.

The postal authorities did not return this notice as undeliverable. The Respondent did not request an adjournment of the hearing.

As permitted by Section 72 of the APA, Petitioner's Attorney filed a Motion for a default judgment. In support of this Motion, Petitioner offered Petitioner Exhibit 1, a chronology of events prepared by witness Wheatley listing his contacts with a complaining homeowner and review of the work performed by Respondent. Mr. Wheatley also presented testimony concerning his investigation.

Mr. Wheatley testified in detail concerning Respondent's failure to obtain a permit, pay required fees, and call for a final inspection. Respondent also performed work outside the scope of his Mechanical license, in that he installed electrical and gas lines. Mr. Wheatley testified the homeowner paid \$4,100 to Respondent for Respondent's furnace and air conditioning installation work.

Based on Petitioner's Motion for a default judgment, Respondent's failure to appear, and Petitioner's proofs, I find that Petitioner has established the allegations alleged in Counts I, II, and III of the Notice of Intent. The record establishes violations of Act 192 as alleged in the Notice of Intent. These violations permit Board sanctions pursuant to Section 16 of Act 192.

RECOMMENDED DECISION

Act 192. I also recommend the Board suspend Respondent's Mechanical Contractor License No. 71-09737 for a six month period. If during this period, Respondent makes restitution to the home owner in the amount of \$4,100 and provides proof of this payment

to Petitioner, Respondent may continue working under his license. If restitution is not made during the six month suspension period, I recommend Respondent's license be revoked.

J. Andre Friedlis

Administrative Law Judge

PROOF OF SERVICE

I hereby state, to the best of my knowledge, information and belief, that a copy of the foregoing document was served upon all parties and/or attorneys of record in this matter by Inter-Departmental mail to those parties employed by the State of Michigan and by UPS/Next Day Air, facsimile, and/or by mailing same to them via first class mail and/or certified mail, return receipt requested, at their respective addresses as disclosed by the file on the Ath day of September, 2007.

Ř. Peoples

State Office of Administrative Hearings and Rules

Gerrit Bakker Bureau of Construction Codes P.O. Box 30254 Lansing, MI 48909

Reginald T. McKinney Reggie & Son Heating & Air Conditioning 210 South Second St. Saginaw, MI 48607

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